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JULY, 1909

# THE INDUSTRIOUS HEN

ONE YEAR 50c—THREE YEARS \$1.50

AN ILLUSTRATED MONTHLY  
FOR  
POULTRY, LIVE STOCK AND THE FARM

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Published by  
**THE INDUSTRIAL HEN  
COMPANY**  
Knoxville Tenn.





# You Can Easily Earn a Free Trip to the Tenn. State Fair

## THE INDUSTRIOUS HEN

### PAYS ALL THE BILLS

#### NOT A "CONTEST"

This is none of your so-called "popularity contests."

In fact it's no contest at all—it's simply a question of whether you are willing to put in some good, hard licks for the *best Poultry Paper in the South* in return for a glorious vacation trip to the South's greatest annual exhibition.

THE HEN pays all your expenses—railroad fare, hotel bills, meals, admission to the grounds, car fare—everything necessary for your comfort and pleasure while visiting the fair for two days.

#### SEPTEMBER 20-25, '09

This is the date on which this great fair will be held at Nashville.

Anybody, living anywhere, may attend and be taken care of entirely at our expense by simply getting up a club of subscribers for us between now and September 10. All you have to do is to write telling us from what point you wish to start, and we will let you know how many subscriptions will be required. The number will be such as you can easily get within a few hours. This free trip is worth working for and we advise you to write at once.

#### *You Know What a Fine Exposition the Tenn. State Fair is, Don't You?*

It's the greatest annual fair held South of the Ohio River and a visit to it is like a short course at an agricultural school and a circus combined. You will actually learn more money making methods than in a year of ordinary reading and have more real pleasure than at any show you ever attended. THE TENNESSEE STATE FAIR POULTRY SHOW is one of the very best in the United States and is surpassed by none, according to the opinions of the best judges and most experienced exhibitors.



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GENTLEMEN: I am in a position to consider your offer of a FREE TRIP to the Tenn. State Fair, Sept. 20-25. My nearest railroad

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617 Gay St.

Knoxville, Tenn.



# THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 6

Knoxville, Tenn., July, 1909

(Whole No. 62) No. 2

## PLYMOUTH ROCKS—THE ALL-PURPOSE FOWL

### WHY PLYMOUTH ROCKS PREFERRED TO OTHERS

Written for *The Industrious Hen*:



No DOUBT many of those just starting in the poultry business, or those contemplating taking up this line of business and work, often wonder why they seem to prefer Plymouth Rocks to all other varieties. To the person not well acquainted with the qualities of the different varieties this is no doubt a puzzle; but to us who have bred nearly every Standard breed, we readily see why Plymouth Rock and especially the White

variety, are the most beautiful and profitable of all breeds of poultry.

To make any breed profitable, it must combine both commercial or market value and fancy requirements. Take the White Plymouth Rock on the counters of the market; compare its long plump carcass, with full round breast and rich



One of  
Fishel's typical  
White Rock  
Cockerels.

yellow shank—compare this carcass with that of the short bodied, short, pale shanked variety, and you will figure at once why Plymouth Rocks are in such demand, and also why a fowl with light or flesh colored shanks will never become popular.

Another important item to consider in selecting a breed of fowls is egg production. To no other breed has there been as much care and time given in producing egg yields as has been given the Plymouth Rocks, until today we have in the White Plymouth Rock the greatest egg yielding breed of fowls.

No variety of poultry has sold for such fancy prices as the White Plymouth Rock; this alone proves their money making value to one looking for the breed to make money with. In going into the mercantile business you want goods that will sell. Just so when you embark in the poultry business—you want fowls that will sell, and if you want the best sellers you will take up Plymouth Rocks.—U. R. FISHEL, Hope, Indiana.

### SILVER PENCILED PLYMOUTH ROCKS

Written for *The Industrious Hen*:

For years I was prejudiced against any kind or color of Plymouth Rocks, I thought they were all so lazy, but one day while visiting a poultry farm, I saw a pair of Silver Penciled Plymouth Rocks and thought them such beauties I couldn't rest till they were in my possession. Then we sent to a specialist in Illinois for eggs and soon had a nice pen of them. They seem to be but little known here. All of our visitors say, "What are these pretty gray chickens?" I never saw anything like them." They certainly are pretty and good egg producers too, but one of the best things about them is their rapid growth. Ours were ready for broilers fully a week before any others. They feather quickly and are easily fattened. Now in June we have some February hatched pullets as large as hens. The Silvers are great hustlers and therefore hardy and vigorous. They resemble a dark Brahma, but of course have no feathers on feet.—Mrs. J. H. BROWNING, Judsonia, Ark.

### SPLENDID EGG RECORD

Written for *the Industrious Hen*.

We are breeders of exhibition Barred Rocks, both cockerel and pullet matings, and there are many points about these fine birds that appeal both to the farmer and the fancier. They are of a quick growth and have fine yellow legs and skin, which appeals to at least two-thirds of the buying public. It is an easy matter to obtain a weight of 2 pounds in from ten to twelve weeks, with proper feeding. We have had pullets laying this winter that were just a few days over six months old.

In pen No. 3 of our pullet matings, we have made a record that we believe will be hard to beat, for good consistent laying. In this pen we have mated to a fine young cock two pullets and two hens, and our egg record is wonderful. We have been able to keep an accurate record of what these birds have done, as we trap all of our birds and have been doing so for several years, because it is the only way by which one can keep an accurate record of each hen.

Pullet No. 24 was first at Charlotte, N. C., January, 1909. Hens No. 21 and 22 were second and third at the great Greenville, S. C., show, January, 1909. The record of eggs below is given from January 20, 1909, to June 20, of this year, just five months:

Hen No. 21 has laid .....	90 eggs
Hen No. 22 has laid .....	75 eggs
Pullet No. 23 has laid .....	90 eggs
Pullet No. 24 has laid .....	96 eggs

Or in 152 days these four hens have laid 351 eggs, and if they keep up the same record, and we believe they will, as they are laying as well now as in the early spring, during the year hen No. 21 will lay 216 eggs, No. 22, 180, pullet No. 23 will lay 216 eggs and No. 24, 228. In one of our cockerel matings we have an egg record only a few short of the above.—FRANK M. DE SAUSSURE, Greenville, S. C.

Bulletin No. 2 of the Model Poultry Company tells us to keep chicks in the incubator from 48 to 60 hours after hatching. This prevents chilling while they are absorbing the yolk and getting ready for food.



### WHY I BREED PLYMOUTH ROCKS

*Written for The Industrious Hen:*



FIRST, I want a hen that lays well; second, one that sets well; third, one that dresses well, and last, but not least, one that eats well. The Barred Rocks certainly have all these qualities. As setters and mothers they have no equal. They need no booming. They stand acknowledged without an equal, as the best general purpose fowl bred. They will thrive anywhere, and are very rapid growers, and make plump, juicy broilers at eight to twelve weeks of age. As a market fowl they have no successful rivals among the pure breeds. They are a great favorite with farmers and market poultrymen, who breed this variety more extensively than all other pure breeds combined. As a fancier's fowl the Plymouth Rock has reached a popularity in this country never before known. Utility and actual worth are the basis of this popularity and make the Barred Plymouth Rock the bird of destiny, a breed come to stay.

For persons who want a business fowl, one that never deserts its post nor shirks a duty, I am sure the Barred Plymouth Rock fills the bill. They are always ready for business, rain or shine. They are medium in size, and if decently fed, are always in good, meaty condition to kill after eight weeks of age. They are especially adapted for broiler use, as they mature early.

The Barred Plymouth Rocks are excellent "all the year round" layers, and will lay as many eggs as any breed that incubates and rears its young. In the smaller breeds we may get better layers, but lose size. The larger breeds give us no more, if as many eggs as the Plymouth Rocks, are later maturing, and lack the activity so admired in a medium large fowl. The Barred Plymouth Rock is nearly always the largest class in our Southern shows, and strictly choice specimens command a much higher price than any other American breed, which proves their sterling merits. The Barred Plymouth Rock is the farmer's favorite and has been termed America's idol. For ten years I have bred the Barred Plymouth Rock, and have yet to find a fowl with more desirable qualities. Their beautiful form and color will always make them the ideal of the true fancier.—C. P. HALE, Sweetwater, Tenn.

### POULTRY AT OUR STATE UNIVERSITY

Our State University and the Agricultural Experiment Station at Knoxville, are doing a great work for our farming people, but we hope to see them doing more soon in the poultry line. In past years something was attempted and a minor poultry department was for awhile maintained. A course of valuable lectures was also given in the winter short course for the benefit of practical farmers, but the attendance, we are told, was so small that the work has been abandoned and all inquiries about poultry are now referred to the editor of *THE INDUSTRIOUS HEN*. We appreciate the confidence reposed in *THE HEN*, but greatly prefer to see our Agricultural College doing aggressive work in the poultry line as other State colleges, like Cornell, for instance, are doing. The latter maintains a regular professorship and flourishing poultry department. The Maine College also has done valuable work in the way of original research in poultry science. Tennessee is one of the leading States in poultry production. The last census showed our output to be worth more than two and one-quarter million dollars. We were surpassed in this by only thirteen other States. Only three other Southern States exceeded us. In quantity and value of egg production we were surpassed by only fifteen other States and but three of these also were Southern States. The last general census credited us with producing nearly thirty-two million dozen eggs, worth considerably over three million dollars! Another census is almost here and in the nine years that have intervened, our poultry interests have made marked progress. It would perhaps not be far wrong to say that they have doubled. Incubator work is spreading all over the country and farmers have greatly increased their interest and their flocks. It is for the assistance of progressive farmers and others who specialize with modern appliances and need scientific training and expert knowledge that we should like to see a flourishing poultry department at the University of Tennessee. Many mothers and daughters are taking up poultry business on the farm and they greatly need the help that a short course at the University would give. Many failures occur from want of it. We understand that the University people dropped poultry work through lack of interest on the part of farmers and

poultry people generally, as already indicated. This ought not to be considered a proper justification. We ought all to go forward with the work and create an interest. If the great value of a short course in poultry at the University were properly set forth to the public we believe a great interest could be aroused so that there would be several hundred, or a thousand eager learners in attendance. No other farm interest has in recent years made more substantial progress than that of poultry. But few other lines of farm business surpass poultry in importance today. Hence we should not fail to encourage it in every way possible.

We understand the University people are ready to take up the work of instruction again whenever a demand is felt and we hope all our poultry people will write letters to the President of the university and urge this matter while new appropriations are coming in and the means is at hand to re-inaugurate the work.—T.C.K.

### PINS FAITH TO WHITE ROCK

*Written for The Industrious Hen:*

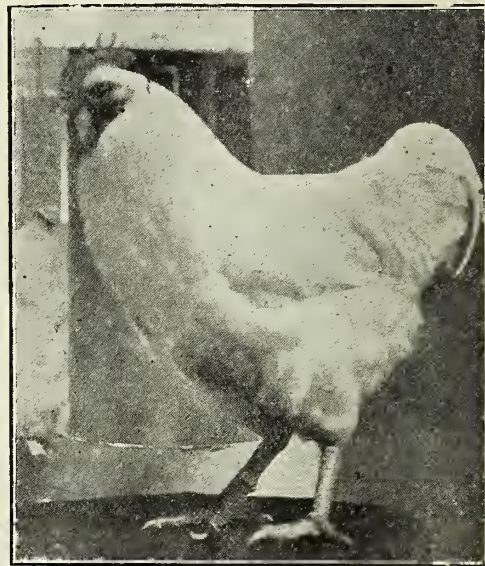
The "Red Special" is before me, and candor compels me to say, "She is a daisy." Please permit me to endorse every word you say in regard to the "delinquent advertiser": A party that can and won't pay his just debts is a cheat and should be exposed; for, as you say, if he will refuse to pay the publisher, he will also cheat a customer.

Permit me to say, that out of a dozen or more papers, the past season, our little ad. in *THE HEN*, came second on the list for results.

We have discarded every other breed and variety and



White Rock  
Cockerel  
Value \$1,000.00  
Owned by  
F. Gage Cutler  
Box 66  
Carthage, Ill.



are devoting our entire yards to the White Plymouth Rocks, as we find from experience, all things considered, that we get better results from them than from any other.

We have so bred them that they have even surpassed the Leghorns as layers. From a yard of thirty-one ten-months old pullets the past spring, twenty-eight eggs per day proved to be a very common occurrence.—H. N. COCHRAN, Fairburn, Georgia.

### LUMBER TARIFF

IN THE tariff reduction now going on in Congress it is to be hoped that lumber will not be forgotten. The excessive reduction of our lumber supply has run up prices inordinately in the absence of foreign importations which have been kept out by a tax or tariff. Farmers, and in fact all classes, need cheaper lumber. It has always been the South's policy to give the farmer untaxed goods and now is the time to impress upon our representatives in Congress the importance of pushing our interests and voting in the way that we direct. We talk about conserving out national resources, and one way to do it is to import cheaper foreign lumber and preserve our decimated forests. The lumber trust has a big lobby at work in Washington and whatever you do must be done quickly and in earnest.—T.C.K.

Tennessee State Fair Poultry Show, Nashville,  
Sept. 20-25. Jno. A. Murkin, Supt.



## THE BARRED PLYMOUTH ROCK

*Written for the Industrious Hen.*

THE Barred Plymouth Rock is without doubt the best general purpose fowl in the world. They are thrifty, healthy, hardy, good foragers, and by all odds the most profitable, as they mature very fast, producing more pounds of flesh in the same time and with the same amount of food than any other breed known—and they command the highest market price. Their yellow skin and round, plump bodies make them unexcelled for table use. They are excellent egg producers, laying all the year around. The hens are excellent mothers, so chicks can be raised in large numbers without the use of incubators. The chicks grow off fast, producing choice broilers in six weeks. The pullets begin to lay at six months. Everything considered the Barred Rocks are the fowls that give the best satisfaction.

## DISHONEST POULTRYMEN.

Poultrymen, as a rule, are honest and orders can be sent to the most of them with safety.

I wish to tell about a trick a dishonest poultryman played on me this season. I sent to a breeder of Barred Plymouth Rocks for 15 eggs. Twenty one days afterwards I took off six black biddies. Five of these were Barred Rocks, the other a coal-black common chick. How did the egg happen to hatch a chick that was black all over? My idea is this: He only had 5 pure eggs on hand when he received my order. Rather than to miss the sale he sent the five pure eggs and ten common store eggs. In his attempt to kill the germ in the common eggs he was successful with all but one. What do the other readers of THE INDUSTRIOUS HEN think of this explanation?—L. C. MARSH, Washington, Miss.

## ADVISES EARLY HATCHING

*Written for The Industrious Hen:*

Everybody knows that the Rocks cannot be surpassed as table fowls, and as layers they are good. The best plan to raise Barred Rocks is to hatch in January, February and March. Then you have fine broilers at the earliest and highest prices, and as the pullets will begin to lay at seven or eight months old, this will give you the top price for winter eggs.—POWELL RICKMAN, Paris, Tenn.

## A BARRED ROCK CRANK

*Written for The Industrious Hen:*

Will you please give space enough in your Barred Rock Special for a few lines from a Barred Rock crank? Yes, I am a crank about the Barred Plymouth Rocks; why should I not be? The best way I know to explain the whole story in a nut shell is simply this: God could have made a better bird than the Barred Rock, but he didn't. Who ever saw a prettier sight than a large flock of pure-bred Barred Rocks? Who ever saw a bird more friendly, or gentle; so willing to put up with any kind of situation and not fuss about it? They are the tried and true bird of the age. They are the birds that lay the winter eggs, make the early broilers, and the profit, stand cold weather, bear confinement, enjoy free range, work, sing and cackle; make you glad you are living. In short, if you are a friend to them, they will be your friend, joy and pride.

I know there are other breeds, lots of them, but give me the Barred Plymouth Rocks, first, last and all the time. To those who are not getting good results from their present breed, I ask you to try the Barred Rocks, and you will get good results, if you don't make the costly mistake of buying cheap foundation stock, as I have done more than once, and I have learned that the best is the cheapest in the end. You can get good eggs of a reliable breeder for \$2.50 to \$10 per setting. Get the \$10 eggs if you can afford them. If you can't get the best you can afford, but don't pay less than \$2.50 per setting. There is a wide difference between pure bred Barred Rocks and barred birds. Treat you birds right and you will agree with me. If you let your birds run in any old filthy, sloppy yard, roost in dirty, filthy houses, or none at all; eat slop and filth, not fit to feed to anything; drink from dirty vessels half the time and none the other half, you need not expect to see nice clean plumage, bright red combs, or hear their sweet song or the welcome cackle.—E. R. FRADY, R. 2, Box 65, Asheville, N. C.

## ROCKS GIVE THE BEST RESULTS

*Written for The Industrious Hen:*

I have been growing pure bred poultry for fifteen years, and have tried quite a number of varieties during this time. I have had fairly good success with all of them. They all have their good qualities and some objections, and I don't suppose any breed will please all of us at the same time. There is as much in the man, as in the breed; yes, I should have said, more in the man, for no kind or color or shape can do it all. They have to have some attention. I have been breeding B. P. Rocks for ten years, and I have found, that with the same care, they give me better returns than any others. They are a general purpose fowl in the true meaning of the term, will lay as many pounds of eggs in twelve months as any other breed and will get to the pan as young as any.—J. G. COLLE, Bowling Green, Fla.

## BLOOD WILL TELL

*Written for the Industrious Hen.*

Your May issue of THE INDUSTRIOUS HEN is a good one, especially on R. I. Reds; it makes me think I would like to be a Red Chicken, for there is nothing like having every one talking about you; it at least makes you take notice. I am a lover of good poultry; just like I say about a Christian, what difference does it make what church he belongs to, so your soul is on the right side; this is at last the most important of all. I have bred many kinds and strains of poultry, R. I. Reds included, and I am frank to say there are many good ones, and you can include the Reds in this also. What does it take to constitute a first-class chicken of any breed? We say, first, good bones, to give vigor and strength; next to comply with the Standard, we want shape, color and graceful carriage; and last but not least we want egg producers by nature.

I am a breeder of the old time tried and true Barred Plymouth Rocks, a breed that nowadays you see very little said about in the poultry journals. Now when I say Barred Plymouth Rocks, I do not mean the spotted and speckled sort, but genuine up-to-date Standard Barred Rocks; and when I begin to write about them my mind is taken back to the days of my active life in the mercantile business, when the Farmers' Alliance was in its glory, and they thought they had the world by the tail. I do not intend to cast any insinuations about the Alliance, for it was a good order, properly managed, as the Union is of today, but just allude to it as a passing thought. Cotton bagging, as we all remember, made its appearance on the stage and a great battle was fought in its favor; yet with all its friends it went under, and the old jute bagging came out on top to be admired and used by thousands, and stands at the head at this writing, recognized by all to be the best covering for King Cotton.

So it is with the true type of Barred Plymouth Rocks; new breeds come and are clubbed, and blowed, advertised and puffed, but when the storm is over, the Barred Plymouth Rock stands as a massive pine tree in the forest after a storm; high up in its pride and glory, and ready to be of great service to those who appreciate vigor, beauty, carriage and egg producers. And just here let me say as a passing thought, I have pullets hatched this year that are laying.

What is in the breed of chickens anyway? Breed blood; I believe more in blood than in breed. Blood will tell in anything, even in a piney woods razor-back hog; you know his breeding as soon as you see him. Take him up and cross him with good blood, his progeny is better; take the choice ones of the lot and breed to their sire so as to infuse into them more of the good blood and they get better; do this another year, and another year, and you will not know his kinfolks when you see them. Blood, yes, I say blood; get good blood in any breed and give them to some one who has the push and get-up-and-get about him, and you will soon decide it is all in blood, and the man at the wheel. Yours for good poultry of any kind. Away with cross breeds and mongrels.—C. H. DOZIER, Marion Ala.

## EAST TENNESSEE FAIR

The East Tennessee Fair at Knoxville used to be a great success and it will be again if given only half a chance. It is natural for all East Tennessee people to gavitate into Knoxville with big horses, big pumpkins, fine cattle and other products of the farm. The East Tennessee Farmers' Convention, at its last session, endorsed the movement, and voted \$2,500 in support of the enterprise on condition that the Fair Association raised the other \$2,500. The proposition meets universal approbation and the fair officers seem-



### WHY I BREED BARRED PLYMOUTH ROCKS

*Written for the Industrious Hen.*



BECAUSE in my 10 years' experience, and a part of that spent with five other breeds, convinced me that for profit and pleasure, no one breed combined so well the many good, practical qualities of the Barred Plymouth Rock. Why? Let me mention some of them: 1st, size. When company comes you will not have to kill the greater share of your flock in order to serve a bounteous meal; 2nd, quick maturity, which means lessened expense; 3rd, quality of meat. In fineness and color it attracts our attention. The yellow skin fowl is in greatest demand in all of the largest markets. 4th, their ability to supply eggs at all seasons of the year. These four headings, I think, contain the elements of a thoroughly practical fowl. What single breed of fowls will supply you with more of these necessities under all conditions of climate and during all seasons of the year than the grand old Barred Plymouth Rocks? Anywhere in the world they seem to be at their best. They have stood the test for about 40 years and are more popular today than ever before, because their many sterling qualities make them so. No other breed is prettier to look at on the green lawn of the farm or city lot. As a fancier and breeder of "Ringle" Barred Plymouth Rocks, I have found that for hardiness, quick growth, large size, egg production, setters, mothers and something beautiful as well, they stand without an equal. They have led in the past and will lead in the future. When it comes to the fancy side of the business, their great popularity again places them in the lead, as they sell readily at paying prices. Beginners in the poultry business, you will make no mistake in trying them and will find them as I have found them, a pleasing and paying investment to meet the necessary bills of the family, etc.

Hurrah! Hooray! This is my stock,

The money-making "Ringle" Barred Rock.—LESLIE H. McCUE, Afton, Virginia.

### WHITE PLYMOUTH ROCKS AS I HAVE FOUND THEM

*Written for The Industrious Hen:*

I have not bred every variety in existence. I am not a "know-it-all" and am not going to make a lot of false and unreliable claims, but I am going to say a few words for the W. Plymouth Rocks, for they really deserve it. I have had and bred Barred, White, Buff, Partridge and Silver Penciled Plymouth Rocks, Brown and White Leghorns, S. S. Hamburgs, Black Langshans, etc., and after fooling several years of valuable time away finally settled down to the White Plymouth Rock.

I did not take White Rocks because the other varieties were not good, but I thought they suited my purpose better than anything else I had tried. I have bred them ever since and have had no cause to be sorry that I chose them.

As a farmer's fowl, I think them equal to any variety on the face of the earth. They are good wherever you put them. A farmer usually wants a bird that is a good market fowl; that will lay lots of eggs, winter and summer; a fowl that is pretty and a good uniform flock. He has these qualities in White Plymouth Rocks and many more that I have not mentioned. As market fowls they have few if any equals. Owing to their white plumage, when dressed for market they show no dark pin feathers, which is a very good point in their favor. Their full plump bodies, with yellow legs and skin make a beautiful sight when dressed for market. Then too, they are quite a temptation when served on the table. In fact any kind of chicken is for me. I never refuse chicken and I never ask what variety the chickens are either. But I was to write on the White Plymouth Rock, and I want to say that market poultrymen always speak in high terms of my White Plymouth Rocks, and if I sell to a man once I never have any trouble in selling to him the second time. As broilers the White Rocks are counted as good as the best.

As roasters they are really a couple of rungs higher on the ladder than anything else I know of. They are a general purpose fowl, and will do well for anyone in any climate if properly cared for. As layers we find them all any one can ask for, especially in the larger breeds. We had eight three-year old hens lay an average of six eggs per day for forty-two consecutive days. This is a pretty fair record for three-year-old hens. We had a pullet that layed 42 eggs in 42 consecutive days without a break. This is not a world's record, but it shows that White Rocks can lay and lay well. Look up some of the greatest egg records today, both individual and flock, and you will find as many White Rocks above

the 200 egg mark as any other variety of the American breeds living. As a fancier's fowl they keep step with the band, and I believe nearly walk at the head of the procession. Some of the highest prices ever paid for individual fowls were paid for White Plymouth Rocks. They are among the largest classes at all the leading shows and good birds always bring top prices. Don't be afraid that you can't sell them, as you always get a first-class price for a good specimen. I have never been able to fill the demand for real good, high-class birds. I will say nothing about the mating of White Plymouth Rocks, only this, never mate two defects together. Have your male strong where your females are weak, and vice versa. Spurn all brassy birds as you would poison. Mate for some purpose. Have something in view. Aim to improve your flock every year by careful mating.

We understand the Standard makers have discontinued disqualifications. This I am sorry to hear, as the punishment for such serious defects should be more than a point or two. White in ear lobes is a very serious defect, and should be severely dealt with. Never breed from a bird with such defects. In conclusion I will say if you like the White Rocks, try them. If you don't like them, let them alone. I have not said they were the best breed on earth. There are many good ones, but I am sure there is none better in my opinion than the White Plymouth Rocks. I keep them for the want of something better.—PLUMMER McCULLOUGH, Mercer, Pennsylvania.

### TENNESSEE STATE FAIR SHOW

That the Tennessee State Fair Poultry show (September 20-25) will be the greatest State Fair Poultry Show in the United States there is no longer a question of a doubt. Hundreds of letters have already been received from points all over the South and from many sections North and East. Last year there were over 3,500 entries from 20 states. It is confidently expected that the entry this year will exceed 5,000. As a show center there is not a better point in the country than Nashville. People came here last year from all over the Southern and Middle States for no other purpose than to see the poultry show and purchase stock and eggs. The breeders were all loud in their praise of the splendid business they received as a result of showing at the Tennessee State Fair Show. Aside from this a winning at this show is of as much importance now as a winning at any show in the country. It means the best in the land. The S. C. R. I. Red Class alone last year ran nearly 500 birds entered from New York and New Jersey to Texas. THE INDUSTRIOUS HEN has attended the State Fair Show for the past three years and does not hesitate to say that it is one of the biggest and best State Fair Shows in the country, and urges every one of its readers who intends to exhibit this year to make this show. The premium list this year is the best that has ever been offered at this show. Address JNO. A. MURKIN, Superintendent, Nashville, Tennessee, for premium list and entry blank.

### WHITE DIARRHOEA

This disease is often very fatal to incubator chicks. The latest scientific discovery shows two forms of it. One affects the lungs and the other the blind pouches of the intestine. The former is caused by moldy feed or possibly mold on the straw in which the chicks scratch. The latter is gangrene of the blind pouches of the intestine and produced by a germ. Prevention is the best treatment for this disease. Remove the cause and the disease disappears. Strong vitality in breeding stock will help the system to resist the disease. Much ground grain also becomes musty and should not then be fed.—T.C.K.

### NATURAL FLOWER GEMS

A series of direct-colored photographs of Natural Flowers, Roses, Forget-me-nots and Pansies, photographed direct from the flowers in colors with gold backgrounds. Beautiful Art Panels with Friendship Sentiments pertaining to the flower, sometimes called the Language of Flowers.

These cards are finished in the quadro-color process made with a genuine gold bronze background, and enameled with German enamel glaze, the highest finish of glazed card known.

There is nothing made in competition with this card that equals it.

We will give you absolutely free a full set of 12 of these splendid gold post cards. See our great offer on page 59.



## THE REASON I BREED PLYMOUTH ROCKS

Written for *The Industrious Hen*:



FIRST, the White Rock is the most beautiful bird on earth. The blood-red head and big eye, in contrast with the snow-white plumage, makes a most pleasing appearance. The Barred come next with their rings of steel blue and white. They are both fine layers and fine foragers. They are not hard to take care of, being naturally very thrifty and healthy. They don't fly much, are easy to keep in enclosures and

confinement does not hurt them.

I experimented a few years, and four years ago settled down to business with the Rocks. I recommend them to any one wanting an all-purpose fowl that will do their part, if properly managed, at all times and in any place. At this season my hens are moulting and I now get from 13 to 15 eggs every day from yards containing 24 hens and pullets.—R. D. ROBINSON, White Hall, S. C.



A typical  
White  
Plymouth Rock  
Bred and  
Owned by  
R. D. Robinson  
White Hall,  
S. C.



## EGG TRADE OF THE UNITED STATES

In some sections eggs are brought from the farms by traveling hucksters. Where they do not cover the same route daily their eggs are apt to be a bad lot.

If the farmer could insure all eggs to be good the price and his profits would be greatly increased. The demand also would advance inordinately. The greatest gain would go to the farmer.

The farmer's common market is the general store where little care is taken as to grade or quality. This reduces price. The merchant gets his profit in the price of goods given in exchange.

The country merchant sells without profit to a shipper who "candles" and sorts the eggs for city trade. He lowers his buying price to cover loss in testing and varies his selling price according to grade.

In the large cities high-grade eggs are sometimes sold in connection with dairy routes or by expert egg men in connection with large grocery stores. Perfect confidence is necessary to maintain extraordinary high prices.

The low grade eggs are sold to the small restaurant, the bakery, and the small grocery. Sometimes different grades at different prices are sold in the same store. The bad egg is often disguised by cooking it with other food.

In order to secure eggs of undoubted quality some of these institutions get their supplies fresh from large poultry farms in near reach of the city. For these they sometimes pay, the year round, double the market quotations.

Dirty eggs, broken eggs, and heated eggs stand for most of the loss but shrunk eggs and bacterial rots are considerable. Some mold and others absorb bad odors. Bad eggs are rapid curtailers of consumption.

The greatest loss to the trade is in the poor quality of so many eggs. In large cities first class, fresh eggs bring nearly double the average price of the whole crop. We of the South lose most by our careless habits of grading.

Dealers in large cities sell the eggs strictly by grade, or quality, and the price varies accordingly. Soda fountains and first class hotels pay the highest prices. It would ruin their business for the customer to find a bad egg.

The poultry interest is growing most rapidly on the general

farms of the Mississippi Valley and the demand keeps full pace, or ahead, and the price of eggs constantly on the rise. The promise of future profits as yet shows no abatement.

Within the last few years the egg trade of this country has grown enormously. If you want to know all about it send for circular 140, Bureau of Animal Industry, U. S. Department of Agriculture, Washington, D. C. It can be obtained free of charge. Its author is Milo M. Hastings.

The present great loss on poor eggs can be reduced only by better care and getting all stock into market at the earliest possible moment.—T.C.K.

## WHAT OTHERS DO

IN *Farm and Home* Mrs. W. L. McKenney tells how she starts garden plants on top of her incubators while hatching eggs inside. As soon as the seeds sprout she carries the boxes, or trays, to the window for sunshine during the day and puts them back on the incubator at night. From 10 cents worth of sweet potatoes she has thus secured 400 good plants.

IN *Poultry* Mrs. Wm. Harshberger claims that Indian Runner ducks beat hens for eggs. They lay for her all the year except during the molting season and make a record of 240 eggs. They forage over the farm and require but little feed and no shelter. Their eggs bring from five to ten cents more per dozen than hen's eggs. From one drake and three ducks in one year she raised a flock worth \$300.

WILLIAM J. Conners, says *Commercial Poultry*, has a chicken plant near Buffalo, N. Y., containing 30,000 chickens and 15,000 ducks. He expects before the end of the year to have 160,000 chickens and nearly half that many ducks. His purpose is to supply big hotels and large cities with eggs. He will also do a large incubator business. His farm of 350 acres will be devoted entirely to the poultry business.

FROM the same source as in the last paragraph we learn that Prof. W. G. Chambers, of Colorado, has a Rhode Island Red hen that laid 200 eggs in a year. His flock costs for keep only one dollar per hen, and the income is three dollars per hen. He gives dry feed only—wheat and corn scattered in litter, and in hoppers a mixture of bran, alfalfa meal, corn meal, shorts, linseed meal, meat, bone and blood all mixed, with a little salt and cayenne pepper.

Some remarkable profits are gained in the poultry business. The March number of *Poultry* tells how Randolph Jensen, of Reno, Nevada, in one year made \$2,175 on little more than five acres of ground. This was clear of expenses not counting owner's time and interest on investment. Mr. Jensen sold eggs, broilers, fryers, old hens and ducks.—T.C.K.

## A. P. A. NIAGARA FALLS, AUG. 10, 1909

To the Members of the American Poultry Association:

The thirty-fourth annual meeting of the American Poultry Association will be held at Niagara Falls, New York, commencing August 10th, 9:30 a. m., 1909.

F. L. KIMMEY, Secy., Morgan Park, Ill.

## CARTONS

It is now the custom to put up all eatables in packages. It costs a little more but the customer willingly pays the extra for the sake of protection from dust and for general cleanliness. The producer of fresh eggs should take a hint from these remarks. It pays well to put up your fresh eggs in cartons, or paper boxes, containing one dozen eggs each. The increased neatness and convenience of the plan will increase sales much more than the additional cost comes to.

## EGG AUCTIONS

We notice that a Massachusetts poultry association has adopted the plan of auctioneering off settings of eggs for the benefit of the organization and we suspect also as a matter of business. Numerous fanciers contribute eggs and they are tagged so purchasers may know their origin and character. This is evidently a fine way to create a poultry interest in any community and ought to be generally adopted. Evidently sales can thus be largely increased and at a good price.—T.C.K.

Tennessee State Fair Poultry Show, Nashville,  
Sept. 20-25. Jno. A. Murkin, Supt.



## FOUNDED UPON A "ROCK"

*Written for the Industrious Hen.*



It is not my purpose in this short article to tell the readers of THE INDUSTRIOUS HEN how and when the Barred Plymouth Rock was ushered into the field of poultrydom; suffice it to say that it has stood the test of forty years and was evidently "founded upon a rock" which the storms of criticism have been unable to move one inch, and why not stand when such men as J. K. Felch, of New York; W. H. Todd, of Vermillion, Ohio; and Sid Conger, of Flat Rock, Ind., and a host of other breeders have been giving it their time and attention for thirty years.

I verily believe that today it is one of the most universally beliked of the pure breeds—and the best all-purpose fowl in existence. I know I am putting it pretty strongly, but as an old negro said, "them's my sentiments" and they have been gained from an experience with them for twenty years and from observation at the shows and a careful perusal of the leading poultry journals of our country.

However, do not understand me to say that there are not other good breeds—be it far from me—there is quite a lot of them and their admirers are equally as enthusiastic as the writer and we admire them for this pluck, vim and energy in trying to bring their breeds to the Standard requirements.

We have been asked for a specific report of what our birds have done—just what our birds were doing and could do—we have a pen of seven pullets and one cockerel in a yard that is 12x30 feet. Just to see what these pullets were doing we begun the first day of April to keep tab on them. On the last day of April these pullets had laid two hundred and two eggs. You will see from these figures that some of them did not lay every day. These pullets had been well-cared for and were in prime condition, and fed on dry feed.

In conclusion allow me to say that I believe the Barred Rock can stand confinement as well as any other breed, and for the farmer I believe they "stand up head." They looked good to me in 1882 and a whole lot better in 1909.

Don't get it into your head now that I am an old man for I am not, if I have been breeding Barred Rocks for a long time.

Reader, if you have not already done so, subscribe for THE INDUSTRIOUS HEN, for it is doing a grand work for the farmer and the fancier.—J. W. GRIGG, Mt. Juliet, Tenn.

## JUNE HATCHED CHICKS

*Written for The Industrious Hen:*

It is a theory with many that June hatched chicks sleep themselves to death. I do not say that this is not the case when they are allowed to stay in the hot sun while they are young. The chicks could be kept in the shade for at least one week and then given plenty of exercise. Bearing these things in mind, I have hatched better colored and higher class birds in June than at an earlier period. June hatched chicks have the same length of time to mature in, when shown in February, as have those hatched in April to be shown in December, and the late hatch gives better results as show specimens, especially in Barred Plymouth Rocks.—B. N. STEPHENSON, Salem, Indiana.

## MONEY IN CHICKENS AND EGGS

*Written for The Industrious Hen:*

How many people know that the farmers of East Tennessee are now receiving more money for their chickens and eggs, than from the total crop of corn and wheat, and this, notwithstanding the valley of East Tennessee is noted for its fertility and abundant crops? It may be of interest to the reader to know how this great industry has been brought into prominence.

Only about fifteen years ago Mr. Geo. W. Ivy, of Morristown, Tenn. (who has sometimes been called the poultry king), and Messrs. J. F. Mathes and W. B. Melvin, who were pioneers in this business, went about here and there buying up poultry and having it brought to local stations and shipped to Morristown and Knoxville, where by consolidation one or two carloads per week could be made. The business grew rapidly and the Southern Railway was not slow to grasp the promising outlook. Special effort was made to get the poultry to New York in four days, then when it increased to

six or eight cars per week, the Saturday "chicken train," as it was called, was put into New York in three days. After the business reached fifteen to eighteen cars a week, the chicken train on the Southern Railway was put into New York in 48 hours.

The farmers take their chickens and eggs to the nearest station Saturday morning, where they are loaded into a through car and the owner receives his money on the spot. The marvelous growth of this industry still continues. Surely THE INDUSTRIOUS HEN hath done well her part in East Tennessee, and it is rather strange that Washington county, Southwest Virginia (where the writer now resides), where climatic conditions and the soil are exactly like that of East Tennessee, has neglected to encourage THE INDUSTRIOUS HEN in such an important industry.

It is not the rich farmers who are doing all this, it is principally the smaller farmers. It is especially the result of the work of the women, who usually have charge of this industry. For the year ending June 30, 1908, it is estimated that the chickens and eggs produced in East Tennessee amounted to \$1,500,000.00, which in no way interfered with the raising of other crops, but is that much picked up "on the side," as it were. Is not this an easy way for the good women to provide themselves spending money, regardless of other income from the farm? There is always a good market price for chickens and eggs. The railroads and express companies are ever ready to encourage the industry, and the old hen will do her part towards bringing more money into the family, provided the farmer's family will help her a little. There is more clear profit on poultry and eggs than anything else raised on the farm.

Now, Mr. and Mrs. Farmer, try raising poultry for market for one or two years, and you will find it so profitable that you will continue it.—E.P.K.

## ALL SECTIONS WILL BE THERE

From New York to Texas and from the Dakotas to Florida the breeders are all making their arrangements to send their birds to the great Tennessee State Fair Show at Nashville, September 20-25, 1909. This is the South's greatest show, and one of the best shows in America, so pronounced by America's leading judges and exhibitors, who attend the show year after year. The poultry show at the Tennessee State Fair is made one of the big attractions of this great fair. JOHN A. MURKIN, Supt., Nashville, Tennessee, will mail you premium lists and entry blanks.

## TO KEEP EGGS

"Water glass" will keep your eggs all right. It is called sodium silicate at the drug store and costs from \$1.00 to \$1.50 per gallon. For packing use stone jars in a cool cellar. Clean and scald the jars thoroughly. In each receptacle mix, by stirring thoroughly, one quart of "water glass" in nine quarts of boiled water that has been allowed to cool. Into the fluid pack perfect eggs and set the vessels where the sun's rays cannot reach them. Cover them with loose boards and add more boiled water from time to time to keep the eggs covered but do not stir the liquid. Use the eggs in reverse order of time when packed, washing all water glass from the shells. Sell as "water-glass" eggs, if at all. The method is cheap, practical, and reliable, and will carry over any number of cheap spring eggs till the next winter when they will still be fresh but high priced and a great saving.

## GOOSE FARMING

Of late years the goose has been a neglected fowl on East Tennessee farms. In the old days nearly every farm had its flock of geese in the goose pasture. It took very little to keep them, for during the summer months they subsisted entirely on grass and pickup foods. When harvest was over they were taken with other stock to new pasture fields and made their own living with the rest. It is hard to see why there should not be a revival of the goose industry. A good fat goose could now be sold much more readily than in former times. There is also now a good call for their feathers for making pillows and other things. In the large cities baked goose is a popular dish. It is especially called for by Hebrews on holiday occasions. Geese are much less troublesome to keep than turkeys. They bear confinement better and will stay contentedly in a grass lot of one or two acres. Turkeys want to range over the whole community. Many farmers have waste swamp lands that are fitted for nothing but goose pastures. Of course these fowls must be fenced in properly so as to be under complete control, and some sort of cheap low-built shelter would serve them in case of snow and cold in winter.—T.C.K.

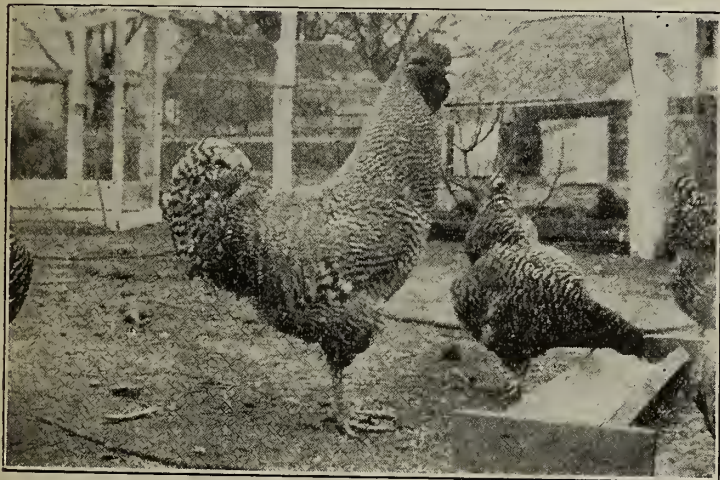


## THE LAYING HEN IS THE PAYING HEN

Written for The Industrious Hen:

We see this phrase quoted so often—"The hen that lays is the hen that pays." We fully realize its truthfulness, but we have to stop and wonder how many poultrymen really know to a certainty enough about the individual hens in their flock to tell you "which hens lay" and how well they lay. To realize profits and a living from the poultry business, it must be managed and looked after just as much as a mercantile business or any other business. The man behind the management is like the man behind the gun—"he cannot shoot well unless he has good mechanical appliances"—and if there is any appliance, other than trap-nesting, which will enable the poultryman to tell which hens lay, then it is up to him to look into such and get best results. In the following paragraphs we shall speak of the hen that lays as the "profit producer" and of the hen that *does not* lay as the "profit reducer."

There are several very important reasons why hen owners should know which hens are "profit producers" and which are "profit reducers." A few of these reasons may be mentioned, as, breeding up a flock to be great winter layers; creating a demand for eggs for hatching from such a flock and weeding out the poor layers and deadheads from the flock, thereby putting the "profit reducers" out of business. During the fall and winter months when fewer hens are laying, those that do lay are the *greatest* "profit producers." To benefit by knowing which hens lay these winter eggs, one must study the mechanical systems in operation today and adopt the one most practical for his use. Make note of the band number on legs of these winter laying hens, so that when eggs are needed for hatching the *future layers*, the owner can select the eggs layed by these hens and set them,



A typical Barred Rock as grown by Wyatt McClendon, West Monroe, Louisiana.

and in several seasons, any farmer or poultryman will have a strain of heavy fall and winter laying fowls, a thing we are all striving after. What will be the difference in price between a flock of hens bred as winter layers and a flock bred in the old way? Also what will be the difference in cash receipts from eggs from a winter laying flock and eggs from a spring and summer flock? The value will be more than double, as also will be the eggs from the winter laying flock when sold for hatching purposes.

The "profit reducer" must be eliminated from the flock if one expects to realize an income from his fowls. The drones, or hens that never lay, or lay but seldom, are the hens that keep down the profit, and occasionally cause the poor poultryman to give it up in disgust as a bad business. Now, by finding out by mechanical appliances these "profit reducing" hens and immediately turning them into cash, brings the hen owner from poor success or failure up to a paying, thriving business and one which is the most independent of any business of the present day.

A few years back the majority of fowls kept by the average farmer were dunghills, and they were attended to by the farmer or assistant in a slipshod sort of way, and pronounced to be a confirmed nuisance around the place. Eggs were gathered in abundance during the spring and early summer, when almost any old hen would lay, but during the cold fall and winter months they never expected any eggs, and when by accident the children did bring in a few eggs, the old folks were quite surprised. They never gave it a thought that some hens never did lay an egg, and others only a few when the spring grass came and bugs were plentiful. But these same hens that were "profit reducers," ate just as much

as the "profit producers" and grew fat off poor Mr. Farmer. They little knew or cared which hens layed the eggs, so long as a fresh egg was on the table for breakfast occasionally, but the fact is beginning to awaken itself in the brains of up-to-date farmers and poultrymen that they should know "which hens lay" just as assuredly as the dairyman knows which cows give the best and most milk.

To illustrate my claims of greater profits by eliminating the "profit reducers" I have here a few figures, as follows:

We will suppose one keeps 100 hens of the average non-tested quality, which cannot be kept for less than \$120.00 per year.

Now suppose 5 hens are non-layers, bringing .....	\$ .00
20 hens lay 40 eggs each at 2c each .....	16.00
25 hens lay 80 eggs each at 2c each .....	40.00
25 hens lay 120 eggs each at 2c each .....	60.00
25 hens lay 160 eggs each at 2c each .....	80.00

Total receipts .....	\$196.00
Less cost of keep .....	120.00

Leaving net profit on 100 hens .....\$ 76.00

Now we will eliminate the 5 non-layers, the 20 producing 40 eggs each and the 25 producing 80 eggs each, leaving 50 hens producing .....	\$140.00
Less cost of keep .....	60.00

Leaving a net profit of .....\$80.00  
on 50 hens against \$76.00 on 100 hens, and the receipts from the poor layers sold adds \$32.50 cash to the owners pocket.

Now in the final summing up we find the following:

100 non-tested hens produce a net profit of ....	\$ 76.00
100 tested hens produce a net profit of .....	160.00

or an increase of .....\$ 84.00

It is not time to look after the individual earning capacity of every hen in one's flock?—C. M. WALKER, Herndon, Va.

## KEEP GOOD STOCK

Too many poultry raisers undervalue the importance of good stock. The beginner buys poor stock because it is cheap. The result is that he raises none but poor fowls, which in turn must be sold cheap. Hence there is little or no profit in the business, and the owner is discouraged. He charges his failure up to the business when his method is to blame. If you can't afford the best, have at least better fowls than anybody around you, so all will come to you to replenish their worn out stock. The reputation of selling a good article at a fair price makes business brisk. Study demand and try to meet it in every way possible. Remember also that good stock requires but little more care or feed than poor stock. And as they bring much more money your profits are correspondingly greater. Much poor stock brings no profit at all and is kept at a loss. If you want to make money you must produce the fowls that bring it in, and don't forget that there are times when you can get good stock at a very low price.—T.C.K.

## THE ALL-PURPOSE FOWL

Written for The Industrious Hen:

Barred Plymouth Rocks are the best all-purpose fowls in America. As utility fowls they are unexcelled. They are splendid layers of large brown eggs, and are rapid growers, which makes them very desirable as market poultry.

From the fancier's standpoint they are at the top. It is not always easy to get the barring exactly right in all sections, but herein lies the reason why they are at the top. A true fancier likes to accomplish that thing which he will be proud of, and when a man has established, by careful selection and mating, a strain of Barred Plymouth Rocks that has good barring, dark bay eyes, well shaped comb, and beautiful yellow legs and beak, he certainly has something to be proud of. A great many of our Barred Rock breeders have accomplished this, but some are content to raise fowls that have not the above-named good qualities. These men would derive more pleasure and decidedly more profit if they would dispose of such stock and start anew.

I don't believe in sacrificing usefulness for beauty but after all a good utility bird is apt to show up well in the show-room. Many of our Barred Rock breeders practice the double mating system to produce standard colored specimens. I believe the single mating system, when properly handled, is better, for there are not so many off-colored birds from a single mated pen as from a double mated pen.—STANLEY FOOTE, Sheffield, Alabama.





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**Poultryman, Live Stock Breeder and Small Farmer**  
Entered at the Knoxville Postoffice as second-class matter

B. W. Rhoads, Western Advertising Manager, Tribune Bldg., Chicago.  
C. W. Fowler, Southern Advertising Representative, Smyrna, Ga.

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Vol. 6 JULY, 1909 No. 2

THE INDUSTRIOUS HEN is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to Poultry and kindred Industries. Contributions that are practical and pithy are solicited.

The Editor is not responsible and does not always endorse the opinions as expressed by his contributors.

Subscribers desiring a change in address will please give the old as well as the new postoffice.

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Furnished on application. The value of THE INDUSTRIOUS HEN as an advertising medium is unquestioned. The character of the advertisements now in its columns, and the number of them, tell the whole story. Circulation considered, it is the cheapest journal in the United States to advertise in. Advertisements, to insure insertion in the issue of any month, should reach this office

Not later than the 25th of the month preceding.

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Your address on the wrapper indicates when your subscription expires. In order not to miss a number it should be renewed one month in advance. If, after your name appears the date "January 10," it means that your subscription is paid to January 1910, and unless renewed will be discontinued after that date.



If a large letter "X" is stamped in the panel at the left of this paragraph, it means that the time for which you paid your subscription has expired, and, unless renewed before the next issue, will be discontinued; therefore, if you do not want to miss THE INDUSTRIOUS HEN, YOU SHOULD RENEW AT ONCE. Do not fail to send us either 50 cents to pay for your subscription for another year, or \$1.00 to pay for the paper for the next three years. Better send \$1.00 and have the best and most helpful and practical poultry journal found in the world

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If you receive a sample copy of THE INDUSTRIOUS HEN you are invited to subscribe for it. You may never get another copy, and if you like it, mail us 50 cents for one year, or \$1 and have it come to you for three years. Thousands are doing this now, and you will never regret it. In sending your subscription if you have a friend who would like to see a sample copy, send us their name and address, but send your own subscription RIGHT NOW. Do not put it off because you are busy, but DO IT NOW. Address THE INDUSTRIOUS HEN Co., Knoxville, Tenn.,

EDITORIAL PARAGRAPHS

THE WYANDOTTES IN AUGUST

Breeders of Reds, Leghorns and Rocks have each had their say in the last three numbers of THE INDUSTRIOUS HEN. In the August number we will hear from our Wyandotte friends, and it is positively certain that this famous breed will be well represented. Everyone is invited to contribute something to this number. Short articles that tell things of interest to our readers, is what we want, and the earlier you send your article to us, the better. Let's make the August number a success. We'll do our part and shall expect our friends to do the rest.

DON'T COMPLAIN

Don't be in haste to complain when you have bought a setting of eggs. The trouble may grow less or entirely disappear by waiting. The appearance of newly-hatched chicks is often deceptive. It takes time for color to settle right. The barring of your Rocks may come slowly. Black Minorcas often show white in the chick stage. Gray in chicks of the white breeds may be a good sign rather than a bad one. Postpone sending letter of complaint to your dealer and you may find it unnecessary to send at all. This will save unpleasant feelings on both sides.—T.C.K.

THE CHICKEN TRAIN

IN AN interview a few days ago with Mr. G. W. Ivy, Manager of the Morristown Produce Co., and also with Mr. W. D. Post, Agent Southern Railway, at Morristown, they gave me the following interesting figures. During the past year the Morristown Produce Co. handled over one half million dollars worth of chickens and eggs. They ship an average of one thousand cases of eggs and two carloads of poultry per week to Eastern cities, and this does not represent half of this business done in that section. In addition to this the same Company has just completed a fattening station for feeding chickens, and when in operation they expect to ship 2,000 or more dressed chickens to Washington and other Eastern cities per day. Mr. Post tells us that the Southern Railway chicken train leaving Morristown on Saturday, May 30th, had nine cars of live poultry (mostly spring chickens) and ten carloads of eggs, each car containing about 12,000 dozen. The yearly business amounts to about ten thousand carloads, all produced in East Tennessee. Think of this; is it not enormous? And think how much money it brings the farmer, and does not in any way interfere with raising of other products.—L.B.A.

TRANSPORTATION QUESTION IN POULTRY RAISING

THE value of poultry and eggs to the producer is in getting them to the consumer. To do that always brings in the question of transportation. It's like threshing over old straw to say it, but the one supreme question before the farmer today is that of good roads. The tax upon him in getting his products to centers of consumption over bad roads is too great a loss for him much longer to bear it. If manufacturers had the difficulty of distributing their products that farmers labor under, this country would never have advanced beyond the loom, the "bull tongue" plow and scrub chickens. All sound argument and a very pressing necessity demand good roads for the farmer. We have had the argument, we have the necessity, and now we want the roads. Bond issues, direct tax or what not, the time is here to act. THE INDUSTRIOUS HEN makes this suggestion, and wants to hear from all its Tennessee readers on this subject: Let us put our State convicts to making roads. Convicts are a burden upon free labor and tax-payers at the very best, but it is clear to us that the burden will be lessened if they are employed in a work which will add to the wealth and comfort of all the people, but more especially the farmer. We shall in the future offer more argument, but for the present we prefer to hear from our readers on this subject. Please do not hesitate to write us fully, stating your views.—L.B.A.



## BULLETIN NO. 2

WE HAVE before us Bulletin No. 2 of the Model Poultry Company, written by President Chas. A. Cyphers, whose address is Buffalo, N. Y. This Bulletin is chuck full of valuable information for incubator folks. It tells how to avoid bowel troubles of all kinds and bring the chicks through with little or no loss at all. Mr. Cyphers always gives a reason, and where there is so much practical scientific knowledge we are at a loss in selecting extracts. The best thing the reader can do is send for the bulletin and make a thorough study of it from beginning to end. It contains twenty-one pages.—T.C.K.

## SOUTH CENTRAL BRANCH NOMINATIONS

The official count of the nominating ballots for officers of the South Central Branch, American Poultry Association, resulted in the nomination of the following officers :

For President, Jno. A. Murkin.

For Vice-President, Jas. P. Kerr.

For Secretary-Treasurer, L. B. Audigier.

For Executive Committee, C. Fred Ward, F. J. Marshall, C. W. Fowler, N. V. Fogg, C. H. Dozier.

## NEW FEATURE OF EGG FARMING

The division of labor promises to cut quite a figure in the future of egg farming. Rudolph P. Ellis, of Brooklyn, New York, proposes a system of branch farms for which he claims great merit. The central plant in the city will do the hatching and marketing while rural plants attend strictly to egg production. The branch farm stock of layers is to be constantly replenished by shipping "day-old" chicks to be brought up in brooders. Some features of this scheme are already in operation under natural business development. The eggs are to be sold as fresh-laid by the central plant directly to the highest class of customers. The elimination of middlemen and reduction of expenses it is claimed will bring up the net profit per hen to \$2.50 instead of only \$1.00 as formerly. Mr. Ellis claims now to be realizing these advanced profits.—T.C.K.

## LAYING COMPETITION IN AUSTRALIA

Australia is a great poultry country and its inhabitants are a great poultry people. The seventh annual laying contest at Sydney ended March 31. The result is that a mere 200-egg hen begins to look small in Australia. The winning pen of six pullets averaged within a fraction of 230 eggs each. They were White Leghorns and this breed now stands permanently at the top in the list of greatest egg layers.

The contest was carried on at Hawkesbury Agricultural College by W. S. Thompson, who is poultry expert in the institution. He fed for practical results with stuffs grown on any general farm. The work of the contest was such as could be carried on by breeders anywhere.

The contesting breeds were White Leghorns, Cuckoo Leghorns, Brown Leghorns, Langshans, Black Orpingtons, Silver Wyandottes, White Orpingtons and Golden Wyandottes. Five pens of White Leghorns headed the list with an annual production of 1379, 1333, 1330, 1323 and 1312 eggs respectively. A Black Orpington pen followed with 1288 eggs. The greatest production of eggs for one month was made by a pen of Black Orpingtons which laid 159.

The eggs were sold in the city market at an average of 30½ cents a dozen and the average output of each hen brought \$5.60. The average cost per hen for feed was \$1.89. The average profit for each hen was \$2.73.

At the same date the second two-years' laying competition was concluded. The winning pen of White Leghorns in this contest surpasses all records. The six also went through the annual contest of 1908 in which they produced 1,474 eggs, being an average of 245⅓ eggs each and an average of 437 for 24 consecutive months.

These competitions have worked wonderful results in improving egg production. The average production per hen was raised from 130 eggs in the first competition to 180 in the seventh, or 38½ per cent. An equal advance in profits was realized. The size of eggs has also been greatly improved. In the first contest 22 per cent of the pens fell below the market standard of 24 ounces per dozen. In the last contest none fell below.

Another result was to expose the fallacy that one breed is as good as another. Just what each breed can do is now more clearly evident. As long as their laying capacity was not

definitely known, certain breeds passed muster on the size of egg and other qualities. After this they will disappear from every utility poultry farm where number of eggs decides profits.

We need a number of such egg-laying competitions in this country to make clear the breeds of greatest merit and eliminate those of poor laying capacity. Millions of dollars could be saved by keeping none but the most profitable breeds and strains.—T.C.K.

## NEW DEMANDS FOR POULTRYMEN TO SUPPLY

There are two new lines open to poultrymen, which have grown out of the modern developments of the business. One in which there is a large field, properly filled, is the raising of pullets in large numbers, to be sold each fall, under contract, to egg farmers. These egg farmers buy new stock every fall and find it difficult to get a proper supply. What better business could there be than to raise a supply for them. They will contract in the spring for a certain number of pullets, for fall delivery, at fixed price, per head. The breeder can sell the males for broilers and carry on his business without concern about the market price. The other grows out of the day-old chick business and the broiler plants, all of which will buy eggs for hatching, at a fixed price per hundred, to be delivered twice a week, for almost the year around. This latter is a splendid business for the farmer or poultryman, with its sure market and fixed price. The demand is much greater than the supply, in both of these businesses. To help bring both parties together THE INDUSTRIOUS HEN will be pleased to hear from egg farmers wishing a supply of pullets, day-old chick shippers and broiler plants wishing a supply of fresh eggs, and from farmers and poultrymen who can supply the above.—T.C.K.

## INBREEDING POULTRY

Many a failure, especially among farmers, can be traced to inbreeding their poultry. We believe that this is not generally practiced from a desire to do so, but because of neglect. It is not attended to when it should be done, and when it is called to mind it is generally too late to purchase breeders, and another year of inbreeding is practiced. This is one reason, and another is due to the fact that it costs more to get good males from abroad than it does to select a few of the best in the flock for that purpose.

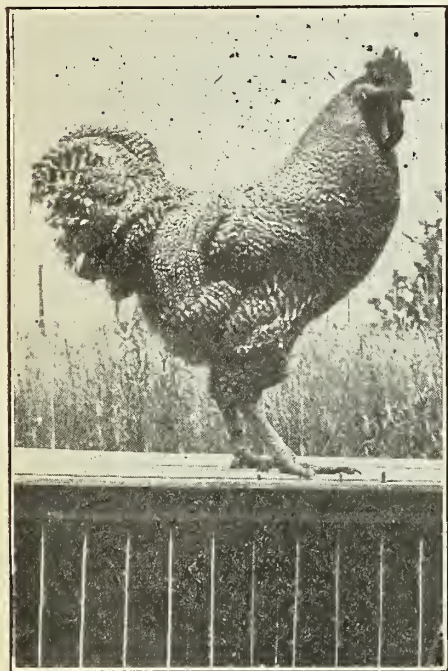
A sick fowl is much like a sick person—the appetite is poor, and the system weakened. The physician in charge of a person would at once stipulate what the diet should be, and so it ought to be in the case of ailing poultry. Feeding whole grain to sick fowls is dangerous from the fact that, owing to the enfeebled condition of the fowl, it is unable to properly digest the food. If the crop is full, give no food whatever until it is empty. Then mix up light mash, like, for instance, bran and oatmeal scalded with milk. If the fowl is too sick to help itself, beat up a newly laid egg with two tablespoonfuls of milk, and give half of this at night, and the other half in the morning. After two days, should the bird be recovering, increase to twice the quantity. As soon as the fowl is able to eat alone, give some bread crust scalded with milk, and after the bird is able to eat of this add a little hemp seed mixed with some good wheat. Give only a little at a time, just what they will eat up clean. Keep fresh water and grit constantly before them.—T.C.K.

## ABOUT GEESSE

It is certain that the goose was known to the ancients, though no mention is made of it in the Bible. The Egyptians made carvings of it on their monuments and the cackling of a flock of geese warned the sentinels and saved Rome from destruction by the Goths. Geese are raised more extensively in England, Ireland and Germany than in this country. They were once the standard Christmas dish in England, though of late years the turkey has gradually taken their place. In the old countries it is not uncommon to see large flocks of geese driven along the highway to water or from one pasture to another. In England geese are plucked five times a year and their feathers are an important article of commerce. In the olden days their quill feathers were used for writing pens, since steel pens were then unknown. By a special process of feeding the livers of geese in Germany are enlarged to two and two and one-half pounds each. Geese are shod in England and Ireland when they have to travel a long distance. The shoes are put on by driving the fowls over a coating of soft coal tar and then over layers of sand which harden the coating and protect the feet.—K.



## THOROUGHBREDS VS. MONGRELS

Written for *The Industrious Hen*:

THERE are many reasons why thoroughbred fowls are to be preferred to mongrel or scrub stock, and as the "best is none too good," it is to the farmer's interest to acquaint himself with the comparative qualities of the more desirable breeds, and when convinced of the greater excellence of thoroughbred poultry, sell off the scrubs and replace them with some particular breed or variety of fowls that is thought to be most suitable for the farm.

In farming as in every other business the greatest possible profit is (or should be) the object that stimulates the never tiring effort, and as farm poultry with proper

care and management is more profitable than any other thing on the farm, considering the amount invested, they should receive their share of consideration and attention. The best breed for the farmer is some general purpose fowl or any good breed which he takes a liking to. A good strain of carefully bred fowls will be more profitable as layers than the usual farm flock of mongrels, and are much more desirable for market purpose than the small bodied, black and all mixed colored birds, and last, but not least, favorable quality is their beauty.

Most farmers who have never owned a flock of thoroughbred fowls will argue that mongrel hens are better layers than thoroughbred hens, but such statements are made through lack of experience of the pure breeds, and absolute ignorance of their excellent qualities and characteristics. When strictly fresh eggs are selling at fifty to sixty cents per dozen, then the poultryman is reaping his reward for breeding for the winter laying qualities of his fowls. A good winter laying strain of fowls will make more profit in egg production during the winter months than all the remaining months of the year combined, and it costs but very little more to feed laying hens than it does to feed hens that will not lay until spring opens, when eggs are low in price.

The great profit is realized from the more prolific thoroughbreds; the eggs are larger in size and evenly colored, more eggs, and their large plump carcass when dressed for market, should persuade anyone to choose them in preference to a flock of mongrels. As to health and vigor of thoroughbreds, I have never had any complaint, having found them less subject to disease than scrub stock.

From a flock of thoroughbreds, by expending a small sum each year for advertising, you can sell your surplus cockerels at a premium for breeding purposes and during the hatching season realize a nice profit for the eggs.

The birds comprising the breeding pen must not only be good individually but of good ancestry. There is no set rule for breeding; one must know his birds and what is behind them, and pay good attention to individuals as well as to the pedigree that is behind them.—CLARENCE YOUNG, Sweetwater, Tenn.

## POULTRY NEWS

Massachusetts poultrymen are shipping settings of eggs to England. Everett M. Hawkins of Criterion Poultry Farm recently sent four clutches.

William F. Wallis of Rowley, Mass., lately found in the chimney of his brooder house 116 headless chicks deposited there by weasels or other vermin.

The poultry and pet stock people of Meridian, Mississippi, have organized an association and will hold their first show in next December. G. W. Shepard is their president and Fred. R. Ziller, secretary.

The Haywood (Cal.) Poultry Producers' Association find business growing too large for present quarters and will soon build a new hall and warehouse.

Farmers in Lauderdale county, Tennessee, begin to realize the profits in poultry. Buyers at Henning recently gave

15 cents a pound for old hens and 25 cents for young chickens. Anna W. Ladd of Concord (N. H.) has 21 White Plymouth Rock hens that laid 270 eggs in the month of February. They have laid 21 in one day.

C. Emory Robinson of Lynn, Mass., has hens that laid three eggs weighing a total of 12 ounces; one of them weighs 5 ounces, and measures 8½ inches around from end to end and 6½ inches the other way.

Mr. Henry Morgan of Manchester, Connecticut, is bringing up chickens in a fireless brooder, the heat being supplied from the bodies of the chickens themselves.

Mrs. H. S. Hyde of Springfield, Mass., keeps 4000 pigeons busy the year round producing squabs. Her customers consume about 12,000 pairs or between four and five tons of squab meat and still call for more.

Poultry lecturer, D. J. Lambert of the Rhode Island College says there has never been a time when poultry has been so profitable as today. He thinks there is no danger of the business being overdone.

W. H. Card who has made a living on hens and nothing else tells the *Hartford Courant* that an egg farm will give the most money for the least work, and that a man and his wife can make \$2,000 a year off 2,000 Leghorn hens.

## THE POULTRY PAPER

The poultry paper does not belong to the fancier alone. He is its main support for advertisements, but to get a wide circulation for these ads the publisher must take in general farmers and other classes. In fact a poultry paper with a wide general circulation finds general advertisements coming to it and for good reason, it gets general readers for them.

## GOOD ROADS CONGRESS

There is a growing interest all over the country in favor of better roads and no one can properly be more interested in this movement than the farmer. The National Good Roads Congress was organized last June at Chicago and has just closed its second annual session at Baltimore. The object of this organization is to arouse public sentiment everywhere in favor of better roads and provide for their construction by the county, the state, and the nation. Governors of the various states and mayors of leading cities are giving their influence to this movement and good results are hoped for.—T.C.K.

## NOT AN EGG MACHINE

IN ONE SENSE the hen is a machine for producing eggs. Yet each hen has an individuality which renders the proposition not strictly true. Of course, it takes feed to make eggs, but not in the same way that you pour wheat into the mill-hopper and take out flour. A certain amount of feed given to one hen may produce fifty eggs, but given to another the result may not be over twenty-five eggs. In some cases it may give no eggs at all but only fat. Truly feed is a factor which can not be omitted, but there are other factors which are equally necessary. The individual counts for a great deal and the bird counts for much. If feed were all, why does a flock of hens vary so much in output of eggs when given the same food? Feed is all right. Give your hen the best you have in the shop but you must not rely altogether upon feed.—T.C.K.

## MONEY IN DUCKS

WITHIN the last few years ducks have become one of the most profitable varieties of poultry. This is especially the case near the large cities and great summer resorts. It used to be thought that only farmers with plenty of water on their places could raise ducks. Now water in any considerable quantity is not found to be necessary. One reason for the greatly increased demand for ducks is that the new way of giving them only wholesome food has greatly improved the quality of their flesh. When they depended upon picking up all kinds of water insects and fish, their flesh was not savory and found favor with but few customers. Ducks are marketed when not more than six or seven months old. They are hatched from February to July, and most of them go into market during July and August. In some markets young ducks bring as much as 50 cents a pound. Rhode Island and New England farmers raise perhaps twenty per cent. of all the ducks in the country. One producer is said to have a contract to deliver 30,000 ducks annually for from one to three years, and many more could be sold.—T. C. K.



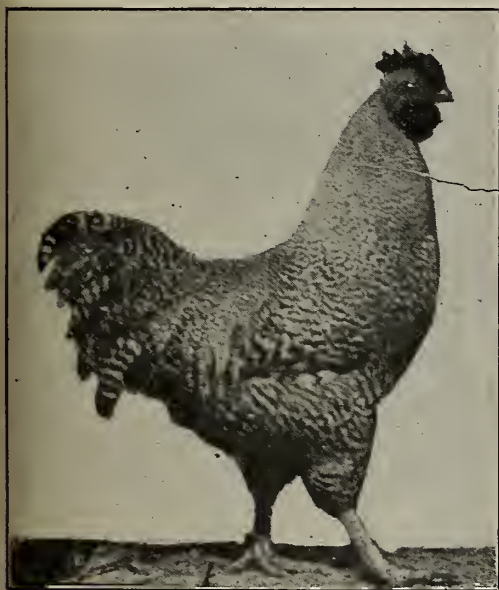
## POPULARITY OF PLYMOUTH ROCKS

*Written for the Industrious Hen:*

When the moment came, whether we should keep to the old, or find a better variety, we studied each breed, and read all the enthusiasts had to say, but found in our own ideal Rock almost every virtue possessed singly by the others, with fewer discounts in our eyes than any.

Popularity, first, governs choice. We wish that for which the demand will be greatest. In the Plymouth Rock this is prominent, scarcely a farm is complete without its Rocks. At our American show the Plymouth Rock class is nearly always greatest. As a fancier's fowl the Plymouth Rock has reached a popularity in this country never before known. It is a bird that responds, I believe, more than any other to the work of the fancy. Perhaps more science and patience are required for the breeding of this bird (and especially the Barred) than any other. But when science, patience, and hard work are brought to bear, one is richly rewarded.

For commercial purposes alone the Rock gets the cream of the trade. As "all the year round" layers they can not be excelled. When the experiment stations are finding the Plymouth Rocks to be the leader in egg production no other arguments are necessary. I esteem other breeds, but under the same care, I do not believe any can excel my Plymouth Rock egg record for the past winter. They are remarkable egg machines, beginning to lay at six months of age, despite the season and holding fast to this daily. Utility and actual worth are the basis of the popularity of the Plymouth Rock. In the Barred Rock there is a grandeur, a stateliness in her very dress, in her stately carriage, her every move, that gives high grade to her every environment, and that is as



A typical  
Barred  
Plymouth Rock  
Bred and  
Owned by  
Sanford McFerrin  
Springfield,  
Tenn.



queenly and encouraging for the poor man's log cabin, as in the well appointed poultry yard of the financial lord. She is popular with all. Fads come and go, but her hold is secure because of merits, and year by year her adherents increase and shall continue to increase.

The White Rock has all the advantages of the Barred—perhaps some few over it. She is dazzlingly beautiful and easily kept so. It is very difficult to say which of the sisters I prefer—each holding her own so well. I believe, however, good Whites are easier raised, it requiring longer and more close application to gain the best specimens of Barred.

I breed Plymouth Rocks because they have utility and actual worth, and have no successful rivals among those that are pure bred. In them the fancier has his art to perfect, a work full of charm, and commerce has an all-round utility bird, standing without a rival for size, beauty, vigor, united in one.—SANFORD MCFERRIN, Springfield, Tenn.

## BOOM IN EGGS

DURING the month of January there was a veritable boom in eggs. From the Atlantic to the Pacific the price was out of sight because prime table eggs were not to be had in any reasonable quantities. Customers had to pay from 40 to 75 cents a dozen in the great trade centers, like Chicago and New York, and the demand, even at these prices, was not supplied. Eggs from the South were the only chance. The future is full of much promise. Farmers who read *THE HEN* will take notice. This is their opportunity.—T. C. K.

## INCREASED PROFITS

PROFITS in poultry increase with numbers and economic management. The profit from individual chicks is so small that it must be duplicated many times to reach paying figures. Comparatively speaking, several flocks take up but little more of the owner's time than one or two. This principle is especially applicable to commercial poultry when the profits to the individual are not so large. The number of hens in a flock should, of course, be limited to accommodations, but the number of flocks may be indefinitely increased. If the houses can be scattered so as to have free pasture and woodland range so much the better. Quite a saving of food is made during the year and the health of the fowls is greatly promoted. In such cases the cost of labor is also materially reduced. One objection to large colonies of both hens and chicks is that the strong overcrowd the weak to the injury of both—the former gorging with too much food and the latter getting too little.—T. C. K.

## WHAT'S THE MATTER

EXPERTS CLAIM that hens are not laying so well now as formerly. They likewise say that eggs do not hatch so well. This also involves less vigor in the chick. What is the matter? Lack of vitality they say. What brought this about? A number of causes may be assigned. First there has been lack of fresh air—but that is being overcome by the house with open front. A lack of proper range is also mentioned. To pen fowls in a small yard constantly will certainly make them less vigorous. When possible they should have wide range. Others say that the incubator is reducing vitality. This is possible and reasonable. There is always risk in artificial methods. But this difficulty may be easily overcome. We shall never drop the incubator. Rather its use is destined to greatly increase. There are not hens enough in the country to supply one-third its place. What then? Why, simply hatch breeders in the natural way. Use the incubator for commercial hatching, which is fast growing to be an immense business. And yet the present fear may be premature in every sense. It is something to think about.—T. C. K.

## BE PROMPT

TO CARRY ON a successful poultry business we must first have something good to sell; second, let the world know about it by advertising; third, answer letters and fill orders promptly and honestly. Many breeders do some of these things, few do them all, and these few are the successful ones. There are few dishonest people in the poultry business, we are glad to say, and these few do not last long. The most common failing is delay in answering letters of inquiry. The amount of loss caused to both sides by this fault is tremendous. A breeder loses business and injures his reputation, while the would-be purchaser is often delayed beyond the hatching season. We will cite a recent instance which came under our observation: A subscriber wrote to four breeders, for prices of eggs and a pen of breeding birds. No. 1 never answered two letters. No. 2 (a colored man) answered promptly. No. 3 answered after a week. No. 4 answered after a delay, but to a second letter, asking particulars of the birds, never an answer. Just one prompt answer out of four. This purchaser prepared to buy from No. 4, but getting no answer to his second letter he switched off to No. 2, the colored brother, the only prompt man of the four. This, we hope, is not the usual percentage for the whole business; it would be a sad outlook if it were. At any rate it is a fault for which there is no excuse and one which should be remedied. This is not confined to any one section of the country, for, we once sent to a well known breeder in Massachusetts for eggs, the receipt of money was never acknowledged. We traced receipt of money through the post office department and the eggs were received three months after the money and order had been sent. Again, it once took us two years to get some birds from an Eastern breeder and then we had to take something different from what we had originally paid for. It is needless to say these parties have failed in the poultry business. The best plan is to answer the day the letter is received. Old debts are hardest to pay; deferred answers to letters are almost impossible to write. Be prompt, it means money to you. Don't let the chance slip; it will never come again.—T. L. B.

Tennessee State Fair Poultry Show, Nashville,  
Sept. 20-25. Jno. A. Murkin, Supt.



### MATING BARRED PLYMOUTH ROCKS

*Written for The Industrious Hen:*

It has long been conceded by well informed breeders of Barred Rocks, that to produce the highest percentage of strictly first-class specimens, it is necessary to adopt what is known as the double mating system. Certain it is that, at the present time, almost all the prize winning birds are produced by this system, and with a greater certainty of results than by the so-called standard or single mating system.

This being so, it is wise for the beginner to adopt the double-mating system, at least until he acquires some skill and knowledge; after which, if so inclined, he may give the single-mating system a trial.

That mating—correct mating—is the rock on which many beginners strike and go down is true. It is also equally true that this same rock has only proven a stepping-stone by which many breeders have gained success, great honor and many golden eagles. Yes, mating is a study; a hard study; a scientific study; for today mating is reduced to a science, and while it is only too true that many fail to produce birds of merit, it is not always the fault of the beginner, only in so far as he failed to buy the richest blood lines he could procure. Blood is bound to tell and the writer holds that a bird that is bred right, one from extra fine specimens that have been line bred, will prove a most valuable breeder even if this specimen should fall a little short in some of the fine qualities we would like to have. Blood will tell, and right here is one of the greatest secrets of successful mating. If you haven't the proper blood lines you cannot expect results. If you would succeed, look first of all to the blood lines of your birds, and if they are strong here and you are willing to put the same amount of time and study in the mating of your birds as the other fellow does, you will be just as successful as he, and you will acquire the same skill.

Don't overlook the value of the male that heads your pen. He is just exactly half your pen, for he influences the quality of every single chick hatched. When possible, the quality of both male and female should match. If they don't, see to it that the one is strong in those points in which the other is weakest. Study your birds; study the demands of the Standard; know first what to breed for, then mate your brains with your birds and you will have a strong combination, one that is bound to produce results.

#### EXHIBITION FEMALES.

In selecting the male to head your pullet-mating your first consideration should be given to his blood-lines; what was his dam in shape, color and barring? If she was a very good specimen you may safely pass many minor points and consider *his* shape, which is next in value. The writer insists that he have elegant shape and carriage, for without true Rock shape, you haven't the first requirement of the breed. The Standard gives full requirements for shape, but here we insist on a little extra length of back, in order to avoid the breeding of females with short, pinched backs. Select a bird with a deep, full and well rounded breast, and a full, well spread tail, carried rather low. The head should be broad and full, with a well set, medium low comb; the neck, medium length, well arched and full. Legs should be strong, straight, and set well apart, avoid breeding from knock-kneed birds in all cases.

In color the male for this mating should be two or three shades lighter than exhibition color, clean and clear. It is not necessary to have pullet-bred males well barred to the skin; in fact, such is rarely seen and is not desirable in most cases. Narrow barring is desirable, however; but the term "narrow barring" as applied here means that the dark bar should be about one-third to one-half the width of the light bar. The wing-bow should be solid without the washed out barring so often seen. In the matter of tail and wing barring, the blood lines count for a great deal; if his dam was good here we can concede much. In his eyes demand a red or rich bay; this is a most important point both in males and females.

Such a bird as the one here described may be depended on as a grand pullet-producing bird if mated to well-bred, Standard shape and color, with good wings, rather wide or open in barring than too strong. Breast barring should receive serious consideration; select birds well barred and not too light in this section. Feathers should be well tipped; body and fluff filling Standard requirements as near as possible. Cushion backs, pinched or narrow backs, with breaks in the center should be avoided. Too much emphasis cannot be laid on this for this class bird is really getting too common. A good rich eye, low, well set comb, yellow beak and legs

should complete the description of the female. But here, too, the importance of blood lines cannot be over-estimated, for birds that are well-bred and half-mated, will produce far better specimens than poorly-bred birds, well mated. By some the mating for exhibition males is thought to require more skill than the pullet-mating; however, the writer does not find this to be true for the female that captures the blue today is a triumph of the breeders' art—a beauty in shape, color and style of barring.

#### EXHIBITION MALES.

In the selection of your cockerel-bred male, choose one strong in blood-lines; one that comes as near filling Standard requirements as possible; a bird that is well developed, with a rather low, well set comb, the rear of which does not follow the neck too closely. Beak should be stout, short, well-curved and in color a pure yellow. Eye, fiery red preferred, or a good strong bay; a good eye is a most important point in the male. His legs should be set well apart, perfectly straight, and a pure, clean yellow in color. The color of the male should be uniform from head to tail; strong, though clear in all sections. Never breed from males with extra heavy, strong, dark bars; such birds have the appearance of being smutty with an intermingling of the light and dark bar that is not at all desirable. Remember that the light bar gives the contrast and to breed specimens with the clear-cut, snappy barring so much desired and admired, you must pay particular attention to its clearness in all sections.

Barring should be narrow, uniform, and run straight across the feather. Under-color is very important; but not under-color as some seem to understand it; for under-color means under-barring; not a gray, slate or nearly black color. In under-barring the dark bar is not as strong as on the surface. The light bar is lighter in the same ratio, thus producing the proper contrast. See that your bird is good in under-color in all sections, and strive to have both light and dark bar of equal width. This will give you the much desired narrow barring. In shape let the Standard description be your guide. Do not be influenced by the Standard illustrations, as this shows a bird with body and back rather short; let the written description be your sole guide as regards to shape.

To mate with this male, select females that are very strong in blood-lines. Let this become firmly fixed in your mind, for it is most important. With a female sired by a strong sire you can pass much in color and barring, for she will prove a most valuable breeder. Her head should be extra good, for if you would have good headed males you must look well to the head of the females. A good eye is desirable, though the eyes of the female in this mating are not of such grave importance as are those of the male. Comb should be well balanced, firmly set, with strong, though short spikes. Here again I would call your attention to the Standard description as regards shape, laying special emphasis on a broad, deep body carried well-forward, good length of back with tail carried rather low.

In a cockerel-bred female the color is strong, intense; several shades darker than exhibition color; however, it should be as clean as possible, free from foreign shades and run straight across the feather.

With such birds as I have described you should experience no difficulty in producing a good percentage of high specimens. If you have no birds that meet these descriptions, buy a pair or more of the very best you can afford, or a setting of eggs, the very best; don't be satisfied with anything but the best. Life is too short to try to build up a strain of fowls from culls. Get right on top with the best you can afford and there exert every effort to make them even better. —J. E. HAGE, Asheville, N. C.

#### NATIONAL POULTRY ASSOCIATION

This is a new organization which is not intended to supersede the American Poultry Association. The latter is for fanciers and exhibition people, while the National takes in the broad field of poultry in general, viz., egg and meat production; mating for exhibition or utility; hatching, housing, feeding, winter eggs, marketing and reliability of commission men, incubators, breeders and food stuffs; experimental work and new appliances. The National was organized on the 16th of last January with the endorsement of the leading poultrymen and poultry editors of this country. Its president is C. F. Townsend, of Weedsport, N. Y., who attends to all correspondence. All officers are men of the highest standing. A year book has been published which gives interested parties full particulars. —T.C.K.



## POULTRY ON THE FARM


 WRITTEN FOR THE INDUSTRIOUS HEN  
BY AN OLD FARMER

## FOR SUMMER MONTHS

Keep the drinking water in the shade and the coolest place possible.

Give plenty of ventilation at all times and keep roosting places thoroughly cleaned.

Crowding is bad for summer weather. It makes excessive heat and also vitiates the air.

A plum thicket makes a good shade for hot weather and is a protection against hawks.

It is now time to separate pullets and cockerels and give the latter a little more food.

Beware of fermentation in wet feeds and the same as to must and molds in dry feeds.

Sell off old hens that don't lay and culls of all kinds, so as to have more room for the good stock.

Look after the trap-nest hens carefully, else they may suffer from heat by prolonged confinement.

## WHAT GRANDMA SAYS

I like guineas on the farm. There may not be much money in them but their "potrack" clatter has a cheerful sound to me.

Talking of things that pay, I get tired of the whole mess of money grabbing. We used to live well and happily on the farm without any bother, whether eggs brought five cents or twenty.

I believe in having geese, too, even if feather beds are out of fashion. A baked goose comes in mighty nice now and then, and I am told there is a big demand in the large cities.

My plan is to have all kinds of fowls and other good things on the farm, whether the market is up or down. City folks are not the only people who have a right to the good things of life.

They say incubator chicks are dying off mighty fast. No wonder, for I never did know anybody to succeed who set himself up above the natural way of doing things.

You want a rooster that is polite to hens and popular. He walks off, proudly handing out bugs and worms with a cheerful call to the flock around him. I have known a good rooster to nearly starve himself out of pure generosity. He should have a side dish when off duty.

## POULTRY NOTES

After all, those early laying pullets do not always turn out best. They sometimes take a vacation during the winter.

Fat hens, it is true, are not the best egg producers. Neither are half-starved hens a success in this line of the business.

Frizzles, Malays and Malay Bantams, Buckeyes, Buff and Slate turkeys, and Egyptian geese are to be left out of the new Standard.

Again we say, don't feed much corn during the hot weather. It is fattening and gives too much heat. The same for buckwheat.

With a small flock poultry manure may be collected in an old barrel where it is mixed with dry earth. In England it brings \$12 per ton.

Whitewash chick-feeding coops and change location frequently during this hot weather season. It is hard to be too careful about cleanliness.

## HERE AND THERE

In market your eggs should weigh at least 24 ounces to the dozen and be assorted according to color and size.

It will soon be time to cull out all old hens and install pullets in their places to keep up a good supply of winter eggs.

Choice customers in the great cities would give almost any price for eggs only one day old if they felt sure of them. How can we make them sure?

That the beginner should confine his efforts to one breed is an old injunction but a wise one. It will not pay to have your attention too much divided.

Eggs are the foundation of all poultry production. A few people place form and feathers first, but they do not measure up with the rest of mankind.

## CHICKLETS

Young chicks should be kept somewhat hungry rather than incur risk of overfeeding, especially if they are taking little exercise.

Beware of millet as a chick feed. It takes the hull a long time to soften which makes the seed hard to digest and gorges the crop.

It is useless to expect success with incubator and brooder chicks without a thorough understanding of the best way to feed and care for them.

If brooder chicks get chilled keep up the heat and give light feed for a few days. With proper caution on this line they will soon come around all right.

Protect your boarder chicks from cold, wet weather if you don't want them to have bowel troubles. See also that they get nourished with plenty of mineral salts.

Green food supplies mineral salts. The difficulty is the small amount of salts to bulk of food. Yet a little green food keeps the blood cool in hot mid-summer weather.

Chick food should be selected with a view to a good supply of mineral salts. If not obtained in the food, the deficiency may be made up in some artificial preparation.

## FARM NOTES

Don't feed corn alone. Give the hens some wheat and oats if you want plenty of eggs. Corn makes fat rather than eggs.

To follow nature in hatching is generally the best plan. Little chicks and warm weather work together in a harmonious way.

In starting with an incubator on the farm, use a small size. It is easier to fill it with eggs and you can handle it more readily.

Keep your poultry house dry. Chickens can stand cold if it is dry, but combined with dampness bad results are almost sure to follow.

Learn to figure out a balanced ration for your fowls when you can, but most farmers will learn by practice to give the right feed in proper proportions.

Don't feed chicks with corn meal dough. Give them finely cracked grain or rolled oats fed on a sanded floor. The tendency now is to give all feed dry.

Chick diarrhoea often brings much loss. It is frequently caused by the chicks getting chilled. To cure it remove the cause and mix black pepper or ginger in dry mash.

## WISE WORDS BY UNCLE BEN

Keep the sexes apart till needed for breeding purposes. This will insure greater fertility of eggs and infertile eggs keep better for market purposes.

A nervous hen can not be relied on for a good setter. The chances are that she will get excited when the chicks come out and leave the nest prematurely.

Keep plenty of shade and green food all through the hot months. Also keep the dust boxes full and the water vessels supplied with pure fresh water.

To keep rid of disease and vermin the fight must be constant. Sulphur is about the best thing to keep off lice and wise care and feeding will prevent disease.

Beware of overcrowding young chicks, or any other. There must be plenty of room in the brooder, on the roost, and in the range. This is why small flocks succeed.

To have early winter eggs, put your hens through the molting period before summer is over, while eggs are cheap. A fast of two or three weeks followed by rich feeding does the work.

The Maine Station says it didn't do any good by breeding from the best layers. Something wrong with the Station, I fear, for everybody knows any sort of stock is improved only by breeding up.

They now say that Golden Leghorn pullets lay at four months old and that cockerels make one-and-a-half to two pound broilers in six to eight weeks. May be so, but that's a little faster than anything when I can first remember.



## TURKEY TALK

MRS. J. C. SHOFNER, Editor  
All inquiries cheerfully answered

### Turkeys for Breeding

"Are young turkeys twelve months old equal to older ones for breeding purposes, and how about using gobblers and young hens?"

The gobbler should be at least eighteen months old. Hens that are two years old should be preferred to those younger, as chicks hatched from eggs laid by turkey pullets are not as strong and hardy as those from eggs laid by turkey hens.—*Pacific Fancier*.

### Loss of Turkeys

"My turkeys are infested with lice, and were doctored with insect powder. They appear sleepy and droopy and finally die."

The probability is that the large lice on the skin of the heads and throats do the damage. Anoint twice a week with sweet-oil, using only a little, as too much is injurious. Rub it in well on skin and head and throat, and also on the legs and around the vent.—*Pacific Fancier*.

### Care for Black Head

Chicken cholera is the same as black-head in turkeys, is the opinion of Anna Galligher, who says:

It has been said cholera in poultry cannot be cured, but we have learned by experience this is not true, having treated both chickens and turkeys with marked success. In fact, we have lost but one fowl from cholera since adopting our present course of treatment, in which case the disease had reached the last stage before treatment was begun.

Blackhead in turkeys is nothing more nor less than cholera. The symptoms differ somewhat, but the same is true of cholera in chickens.

At first sign, which is droopiness, and pale or bluish black color about the head, catch the fowl and place in a clean, dry coop after it has been forced to swallow a mixture composed of the following ingredients:

One tablespoonful each of cornmeal, bran and powdered charcoal, and one-half teaspoonful each of powdered alum, copperas, sulphur and Epsom salts.

Mix well together, then divide into four equal parts, to be given at four different doses, three or four hours apart, adding a very little milk or water to moisten.

Form into pills, open the bird's beak and place the pill far back so that it cannot be shaken out. Each dose is moistened just before using. A larger quantity in the same proportion should be prepared if more than one fowl is to be treated.

Give the fowls water to drink in which copperas and alum have been dissolved. The right proportion is one rounding teaspoon each of powdered alum and copperas.

Cholera is highly infectious and therefore diseased fowls should be isolated as soon as the first signs of the disease are noticed. Use quicklime freely around the premises and give the house a thorough cleaning.

Here is a good disinfectant and at the same time a sure vermin destroyer:

Take one pound of quicklime and one pound of sulphur for every four gallons of spray mixture to be made. First slake the lime in a large can or boiler. Then add the sulphur and enough more water to make it stir easily. Heat to the boiling point and let boil until the sulphur is all dissolved.

The mixture must be stirred constantly from the time it is placed over the fire until done, which is usually about forty-five minutes.

When the sulphur is all dissolved remove from fire and add about half of the required amount of water and one ounce of carbolic acid.

Stir for a few moments and then add the remainder of the water.

Stir again and then strain through a coarse sieve or wire screen before transferring to the spray tank to remove all coarse particles that might clog or injure the nozzles.

In the absence of a spray one may use a common sprinkler or watering pot. Before beginning the spraying process we give the inside of the poultry houses a thorough overhauling, cleaning the floors, walls, perches, nest boxes, etc. Nest material and litter are burned.

We use the spraying solution twice a year—in the spring and again in the fall. The work is thoroughly done, and we are never troubled with lice or mites.

If the houses have been neglected for a time it would be well to use the mixture about once a month during the summer and fall.

### Lice Will Kill Turkeys

Five cents worth of Fish Berries, crushed placed in a pint of whiskey and rubbed on turkeys with lice will kill the lice. Apply every two weeks after getting rid of them. Lice kills more young turkeys than any thing else.

## 20-Acre Fruit & Poultry Farm

with 600 fine White Rocks, R. C. White Leghorns, and 200 Homer Pigeons, 3 Incubators, 20 Brooders, all brood coops, and other appliances, Farming Implements, Wagons, Horse and Cow.

Located 8 miles from center of town, with good pike, 2 miles from city railway and one half mile from railroad station. Can sell all stock and equipments and give lease. Proprietor wants to leave State.

For further information, address

Manslick Poultry Farm, Louisville, Ky.  
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### MAMMOTH BRONZE TURKEYS

Barred Plymouth Rocks  
Mammoth White Pekin Ducks

STOCK AND EGGS IN SEASON

MRS. W. J. LANDESS  
R. No. 5, Fayetteville, Tenn.

## YOUNG'S BARRED P. ROCKS

Eggs balance of season \$1.00 per 15;  
\$5.00 per 100. This years breeds for sale.  
Try me if you are looking for good stock.

R. H. Young, R. 1, Lebanon, Tenn.

## TWO BREEDING PENS FOR SALE

To make room for young stock I will sell one pen of Black Orpingtons, headed by Longboat, 1st cockerel at Greater Nashville, 1908, by McClave; and also one pen headed by 1st cockerel, State Fair, 1908, by Pierce. These two Grand Pens will be offered at a reasonable price.

Miss Alice Pelton, Nashville, Tenn.

2209 14th Ave. North

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## QUALITY

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## WHITE WYANDOTTES AND S. C. LEGHORNS

Bred to Lay

Principal Winners wherever shown for past 3 years. Write for catalog, mating list, etc.

## FOUNT H. RION

Eastland

Nashville, - Tennessee

## FOR SALE!

# Mammoth Bronze Turkey Eggs



What every one wants is size and plumage combined. I have it in my flock this 1909 season, with "Southern Prince," line bred, weight 50 pounds, score 97½, his sire, Goliath, weight 48 pounds, score 97½, with Jumbo Jim, grand sire, by hen, weight 47 pounds, second prize winner at St. Louis World's Fair, 1904. Southern Prince heads Pen 1, mated to 8 fine, large females that will score at least 95 points. Pen No. 2 consists of 8 fine pullets mated to a 35 pound ckr, score 96½, 1st prize winner at Lebanon, Tenn. "Like will produce like," and this is what my customers will get in these eggs. Satisfaction guaranteed as represented. Correspondence solicited. B. P. R. chicken eggs from best prize winning strain, \$1.50 per 15.

BOONEVILLE POULTRY YARDS, MRS. J. C. SHOFNER, R. 1, Mulberry, Tenn.



## PIGEONS AND BANTAMS

E. E. PRYOR

### Feed and Feeding

Written for the Industrious Hen.

The principal feeds for pigeons are Kaffir corn, Canada peas, sifted cracked corn, wheat or screenings, hemp and millet. Green feed, such as grass, radish tops, lettuce, etc., are always relished. The dry feeds should be kept in a dry place. Barrels or boxes with lids or bins properly made for such purpose are good. The birds should be regularly fed every day at about a certain hour morning and evening.

Besides the feeds named a good hen scratch feed is good. It contains almost all the ingredients mentioned and is well mixed. At the present prices of feed the prepared feeds are almost as cheap as the others and contain so many more kinds of grain you cannot buy alone. There should be constantly where the birds can get it salt, cracked oyster shells and charcoal. Any kind of receptacle that will hold a small amount of each can be used. These are essential to their health and ought always be before them. Set inside of house to keep dry and the sun's rays away from it. These receptacles should be cleaned out and filled once a week. The floor of the pigeon house should be covered with clean, pure sand about one to two inches thick. Just feed such amount as the birds will clean up nicely at a meal. The one feeding can tell how much this should be and can never be placed on paper as a rule or guide, but the caretaker must use his own judgment. A feed trough is the best. Never throw the feed on the ground, unless it be an occasional feed when the ground is dry and you want to see them go after it. Put feed in feed trough and have trough in the pigeon house. Every grain or piece of grain will be saved and eaten, and any remaining after the first onslaught will be away from sun, rain and dew. Soured feed is exceedingly dangerous. The trough must be wide enough for the pigeons to get into and long enough to accommodate them and high enough that they will not throw the feed out. For fifty pairs the feed trough should be something like 4 feet long, 10 inches wide and sides 1½ inches high. Or 6 feet long, 8 inches wide and 1½ inches high. Place the troughs in the pigeon house to avoid the weather. Sift the cracked corn. The meal that goes through the sifter will, in damp weather, become heavy and sour, and the birds eating it will not survive, besides that which is not eaten must be cleaned out and this is extra trouble. It is more fun to sift it than to dig it, and much less dangerous to the birds. Change the feed frequently. That is vary the feeds so as not to continue the same feed day after day. Sometimes a mixed feed, and sometimes a straight feed, but invariably with a view to variety. When a number of young are in the nest the birds feed more freely and it will take more feed in the trough. One prolific source of poor squabs or dead young in the nest is a lack of good, wholesome feed in the trough, for if the old ones fail to get

enough feed to give the young they must do without. Very few squealers approaching squabdom are overfed. So without wasting give parents plenty for the children and they will do the work. Too much corn produces indigestion and fat. Too much wheat loosens the bowels and produces skinny and dark squabs. Too much hemp results in vertigo. Balance the ration, using the cracked corn (sifted) and Kaffir corn for the solid basis. If birds get out of condition change the feed. Be sure that every grain is sound. Musty or mouldy feed must not be given. Clean out the feed trough, that no dirt, soured feed or excrement be left while the meal is served.

Attend to the feeding yourself and go alone. Birds are shy of strangers and many leave their nest too long if strangers are frequenting their house. Make no extra noises or sudden movements. Place the feed in the trough and quietly retire for at least an hour that the meal may be served to adults and squabs uninterrupted.—E. E. PRYOR.

### Licensed A. P. A. Poultry Judges

Name and address will be printed under this head one year for \$2.

F. J. Schocke, R. 5 Salem, Ind.  
J. C. Clipp, Saltillo, Ind.  
S. T. Campbell, Mansfield, Ohio.  
T. L. Bayne, Knoxville, Tenn.  
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**ALUMINUM PIGEON BANDS**  
20c per doz. \$1.00 per 100, 6 samples 10c. H. E. Bair, 540 Twilight Yards, Hanover, Pa.

## \$50 Machine for \$16

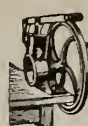
**FREIGHT PREPAID to your Station**

Don't pay a high price for a sewing machine when you can get the famous **INDUSTRIOUS HEN** machine for \$16, delivered at your door, and guaranteed for ten years. It has been on the market for 30 years under another name. Is high arm, ball bearing, noiseless, easy running, stand hand-somely embossed, hand polished case, etc. Is modern in every feature, and the best that can be made. Will be sent freight prepaid, with a year's subscription



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## Crown Bone Cutter

Cuts up scrap bones easily and quickly—no trouble. Feed your hens fresh cut green bone daily and get more eggs. Send for catalogue. **WILSON BROS., Box 646, Easton, Pa.**

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High Class mated, pure straight Homers, colored and clear white. Extra large, fine birds. Red Carneaux, equal of any and better than many. All mated, banded, working and under 2 yrs old. Large or small quantities.

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## COLUMBIAN PLYMOUTH ROCKS

that have been selected and bred with great care and precaution and represent the strongest and purest blood lines in existence,—the foundation cross of Light Brahmas and White Plymouth Rocks. No better birds in the world.

**EGGS FROM FINEST EXHIBITION MATINGS \$5.00 PER 15**

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**MY PRIZE WINNERS FOR SALE, ALSO EGGS**

**WRITE FOR PRICES**

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## REDS that are RED

**SINGLE COMB EXCLUSIVELY**

Eggs are now half price for the rest of the summer—\$1.00 per setting; \$5.00 per 100. Special prize pen \$2.50 per setting.

35 regular and special prizes at last two state poultry shows.

100 young hens for sale at \$2.00 and \$3.00 each.

Also several hundred choice pullets and cockerels at reasonable prices.

Write for free descriptive circular.

## LAKEMONT POULTRY FARM

**Ward & Lane, Proprs.**

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**Winter Park, Fla.**



## BOYS' DEPARTMENT

ROBERT G. FIELDS

## About the Election of Officers

The annual Club election takes place in October, and candidates are now beginning to come out. The race promises to be a warm one, for we want a good list of candidates for each office. Nominate your friend. If you think he would make a good president, vice-president of secretary-treasurer, then put him in the race. So far only one person has been nominated for each office.

To nominate a member for any office, draw up a blank, something on the following order, and have it signed by three members:

"We, the undersigned, hereby nominate ..... of ..... for the office of ..... of the Boys' National Poultry Club, and promise to give him our support in the election.  
Signed:

## Notes of the Club

All members who are behind on their dues must pay up before the election.

You can get the "HEN" in combination with any other journal at reduced rates by writing the Secretary.

Elliott has been nominated for President, Fields for Vice-president, and Stiles for Secretary-treasurer.

Wm. H. Gilborne, of Ill., is working hard now for new members, having written notices for several journals. Wish more would do likewise.

There seems to be very few boy poultry breeders in the far West. Beard in Colorado has been working for some time, but has gotten very few interested. He says the boy crop out there is scarce, and poultry scarcer. He shows the advantages in the West, however by his own success.

## The Poet and Painter Series

Twenty-four magnificent high-grade Art Post Cards, in two sets of twelve each, gold panels with quotations of the world's greatest poets in gold text, with a magnificent reproduction in colors of the famous paintings of the world, in landscapes and marine views by Landseer, Rosa Bonheur, and other world-renowned artists. The card is finished in a German celluloid glaze, and artistically round-cornered. It is the highest class card ever published in the United States. No money is being spared to make it truly an artistic gem of its kind. A set of cards of the greatest poets and the greatest painters combined, for a collection or for educational purposes, cannot be compared to anything ever introduced in the post card line. One complete set of these wonderfully beautiful, rare and expensive post cards, sent post paid free for a year's subscription to THE INDUSTRIOUS HEN at 50c. If your subscription has expired this is your chance to renew.

Buff Cochin Bantams, White Wyandottes, Single Comb Brown Leghorns.

For balance of season eggs from all my prize matings \$2.00 per 15. Stock in season. Get my prices and show record. I can please you.

PITTSFORD POULTRY FARM  
MORTIMER E. BACON. PITTSFORD, N. Y.

## BARGAIN SALE

White Wyandotte hens at \$1.50 and \$2.00 each. All this year's breeders practically given away to make room for young stock. Special price on large orders.

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## RHODE ISLAND REDS

Eggs at one-half price from our Boston, Madison Square Garden, Jamestown and other famous winners. Stock for sale. Send postal for catalog. When looking for the best write

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## S. C. BUFF LEGHORNS

Pens Mated January 1st

## WORLD'S BEST

Pen No. 1-\$3.00 per 15. Pen No. 2-\$2.00 per 15.  
Pen No. 3-\$1.50 per 15.

Prices one-half balance of season. Send for Catalogue and Photographs.

OAK HILL POULTRY YARDS  
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## The Ideal Household Remedy

A sure cure for cramps, colic, cholera, diarrhoea, dysentery, cholera infantum, all bowel troubles.

## For Poultry

A teaspoonful to each quart of water will be a sure cure or preventative for all bowel troubles.

I. L. LYONS & CO., Ltd., Proprietors  
222 to 226 Camp, 529 to 533 Gravier Sts.  
NEW ORLEANS, LA.

## BELLVIEW POULTRY YARDS

BREEDS BARRED PLYMOUTH ROCKS  
EXCLUSIVELY

We both lose money if you don't trade with us

BELLVIEW POULTRY YARDS  
Harrods Creek, Ky.

## WATCH! LOOK!

Up the show record, especially this fall, 1909.

## BARRED ROCKS

R. & S. C. B. ACK MINORCAS

If you want a winning bird, write

HILLER ST POULTRY YARDS  
R. G. McCANTS, Prop. NINETY-SIX, S. C.

## GO AHEAD

if you think you can breed prize winners from inferior stock, but if you are tired trying, write me for prices of my

TRUBAR STRAIN BARRED  
PLYMOUTH ROCKS

the strain that lifts the breeding of prize winners from GUESSWORK to the realm of ARTISTIC ACHIEVEMENT; the strain that bridges the chasm between

## FAILURE AND SUCCESS

Grand young stock for sale after Sept. 1st, and while they are finer specimens than you ever before owned, they won't cost you but very little more, if any. I only have a very limited number for sale so place your order early and arrive on schedule time at

## SUCCESSTOWN

J. E. HAGE, (Trubar Originator)

Box 382. ASHEVILLE, N. C.

12 years with Barred Rocks, exclusively.

## "PEERLESS" BARRED ROCKS

are bred from the four leading strains of the United States, and are large, healthy and vigorous. 4 GRAND BREEDING PENS, headed by cockerels scoring 92 to 95 points. Ten Standard bred hens to each pen. Eggs for hatching \$1.50, \$2, \$2.50 and \$3 per 15. Range eggs from pure bred birds \$1.25 per 15. All eggs shipped in Erie Baskets. Prompt shipment and a good hatch guaranteed. Address,

L. C. MARSH, Proprietor, PEERLESS POULTRY YARDS  
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## Barred Plymouth Rocks

## COCKEREL LINE

CLARENCE YOUNG, SWEETWATER, TENN.

## EGGS FROM FOGG'S S. C. WHITE LEGHORNS

WILL HATCH YOU WINNERS  
AND HEAVY LAYERS

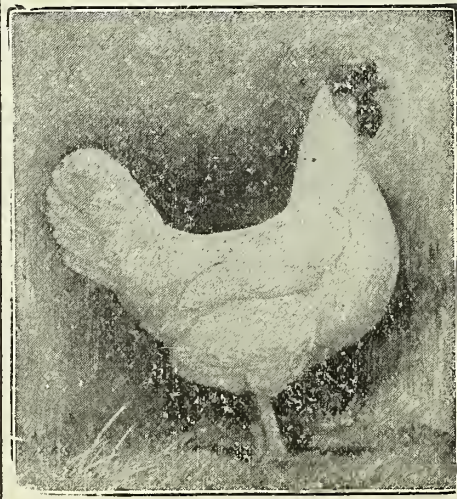
One breeder hatched pullets from eggs bought of me last season that won first, second and fourth, at Nashville, Tenn. Plenty more have done just as well.

If you want the BEST for your money in eggs for hatching get my SPECIAL MATING LIST.

I pack eggs so they don't break. Send for my SPECIAL MATING LIST to-day. My Catalog is free, too; get them both.

N. V. FOGG

Box A, Mt. Sterling, Ky.





## THE DOG

T. H. E. KENNELMAN

### Shepherd or Collie?

I have a fine collie pup and a neighbor of mine recently bought what he calls a pure shepherd dog. We have had a number of discussions in regard to the relative merits of our two breeds of dogs. Can you tell me just what a shepherd dog is, whether a pure strain or a cross between a collie and something else?—E. B. EVERARD.

When the collie was first introduced into America, it was used exclusively for sheep herding. The first specimens that were imported were tri-colored (black, tan and white, black predominating.) Due to the purpose for which these first collies were used, people who were not familiar with the breed and its name, spoke of them as shepherd dogs.

The name followed the breed throughout America. Beginning with the importation of sable-colored collies, however, the proper name gradually came to be used again. This mistake was purely American, as the breed has always been known as collies in every part of the world. Occasionally misinformed fanciers still call them shepherd dogs. Every lover of this breed should make it his purpose to use the correct name. No end of confusion has been caused in this and other breeds by the substitution of new names by Americans.

Both pure bred collies and crossed collies are thus erroneously called shepherd dogs.

The English sheepdog is still another breed—one of the oldest in the British Isles—which is just becoming popular in this country, although a few good specimens have been used for some time in this country, both for utility and for show. This dog should not be confused with the collie or "shepherd dog." These two breeds are the most extensively used of any for herding. Strangely enough the Scotch collie has reached its highest development in England and the English sheepdog in Scotland.—C. C. in *Country Life in America*.

### A Scotch Collie that Travels Alone

Keiser, the handsome Scotch Collie owned by Miss Ethel Schewe of Manistee, is probably the most intelligent dog in the State of Michigan.

For the last ten or twelve years Keiser has been employed as a stock dog by the little girl's father, it being the business of the dog to drive large herds of stock from Scottville to Manistee, a distance of about twenty miles. Keiser needs no help in doing this, driving the biggest herds the entire distance unassisted.

This, however, is not all that Keiser can do. Instead of walking to Scottville from Manistee, after the herds he rides in the cars, boarding the train at Manistee, changing cars at Walhalla, and when he arrives at Scottville he goes directly to the home of Emmet Pullman, the buyer of the stock.

All the train men know Keiser. He never made a mistake but once in changing cars, and this he discovered in time to jump on again before the

train pulled out. The train stopped a short way from the junction, and Keiser seemed to think that that was the place to change, although he looked doubtfully around. As soon as he saw his error he hastened back to the train, grabbed a rope that was hanging down from the baggage room and pulled himself up to the baggage car by his teeth. He never repeated the mistake.

## COLLIE DOGS

Puppies from registered stock \$5 to \$10 according to age and markings. No better blood on earth. Write us your wants. J. J. KOGER & SONS, Rogersville, Tenn.

## FOR SALE

Four Registered Collie Dogs — Cheap  
White Belgian Hares, per pair . \$3.00  
White Guinea Eggs per 15. . . \$1.00  
White Rocks and Brown Leghorn Chickens  
MRS. BEN E. RAYSOR  
Lowell, Florida

## SCOTCH COLLIE PUPPIES

Two fine litters for sale. One of Beauty Bright, sired by Shadrack, alias "Ben Hur". These puppies are almost perfectly marked, and are going rapidly. Orders booked now for delivery within a few weeks. Prices \$25.00 to \$50.00 for males, females (only two) \$15.00.

Pedigree with every pup. Satisfaction guaranteed.

## KNOX COLLIE KENNELS

617 GAY ST. KNOXVILLE, TENN.

## FRANK'S S. C. RHODE ISLAND REDS

### STOCK FOR SALE—EGGS FOR SALE

JAMES M. FRANK

MONTROSE AVE.

NASHVILLE, TENN.

## Hartman Stock Farm Poultry Yards

Columbus, Ohio.

Special July and August bargains. After July 1st we will sell one half of our breeding stock at less than half their value. Choice breeding pens of one male and four females in Buff, White and Partridge Wyandottes, Barred Plymouth Rocks and S. C. W. Leghorns, at \$10.00 per pen. 1000 head of choice young stock for sale after October 1st.



## CHICK-A-DEE FARM

BRED TO LAY

## SINGLE COMB WHITE LEGHORNS

J. A. DINWIDDIE, ROUTE 3, NEW MARKET, TENN.

## McINNES' BUFF ROCKS

Charleston, S. C., Dec., 1908.—Our Winnings were First Pen. Special Ribbon for best shape male. Missing best display by two points only.

Greenville, S. C., Jan. 1909.—Annual Buff Rock Club Show. Won American Championship Cup for Best Cock, Hen, Cockerel and Pullet, also both State Cups. Defeating MADISON SQUARE GARDEN WINNERS.

Rock Hill, S. C., Jan. 1909.—Same week as Greenville Show. Eleven birds shown, won first Cockerel, first, second, third and fourth Hen, first and second Pullet, first Pen and best display.

Their record stands alone and unequalled. Eggs from the Grand Champion Cup Winners \$5.00 for 15. From second yard \$2.00 for 15.

Eggs half Price for rest of season. Homer Pigeons, 75 cents a pair. Golden Honey Queens.

G. F. and B. K. McInnes, Charleston, S. C.

## AT STUD

Chief Wonder A. K. C. 86883. Fee \$15.00. A cobby built, big boned son of Ch. Woodcote Wonder, most famous bull terrier of his day. A few choice puppies sired by Chief ex Pharmacy Queen; she by Fire Chief.

NAVAJO TERRIER KENNELS,  
1923 W. 35th Ave., DENVER, COLO.

## AIREDALE TERRIERS FOR SALE

Litter whelped Jan. 22nd, 1909. Sire, the sensational champion Briar's Masterpiece. Considered by critical judges the best American bred Airedale to date. Dam, the grand imported bitch, Pretty Florrie. Prices \$20.00 and up; also others of good breeding.

TANGLEWOLD KENNELS, PRINCETON, N. J.

IF YOU HAVE A DOG YOU SHOULD READ

## FIELD AND FANCY

THE ONLY WEEKLY IN AMERICA DEVOTED ENTIRELY TO DOGS.

Send for free sample copy, and special trial subscription to readers of The Industrious Hen.

FIELD AND FANCY PUB. CO.

14-16 Church St., New York City.

## AIREDALES. AIREDALES

Registered and pedigreed and farm raised. Stock from the famous Clonmel Monarch breed. Splendid pets, good watch dogs, hunters, trailers, swimmers, retrievers, wild animal fighters, mousers, Ratters, vermin, police and pit dogs. Write whether you buy or not, to,

DR. L. C. TONEY,

HUMBOLDT, ARIZ.

## Dogs Have Worms! Dogs Have Distemper!

### Dogs Get Out of Condition!

If you have a good dog, keep him in condition and free from worms and distemper by the use of the C. S. R. Remedies. They are the best on the market today. 50 cents Boxes. Postpaid.

C. S. R. CO., 76 Woodlawn Ave., JERSEY CITY, N. J.



## HONEY BEE

T. C. KARNS

Southern Bee Culture and HEN one year 75c.  
Gleanings in Bee Culture and THE HEN  
one year ..... \$1.00

### Bee Notes

It will soon be time to think of fall work. Many little things can be done ahead of time to have bees in best shape for winter.

This has been a good season for white comb honey. As soon as it is well cupped over take it off before the bees travel-stain it with their feet.

If you wait for bees to swarm before putting on supers you may lose half a crop. When the first super is half filled, put another super under it.

Always know what your bees are doing by going into the hives. See that they have plenty of room and a good place to store the honey they gather.

Put supers on just before they will be wanted. If put on too early the bees gnaw holes in the foundation and if put on too late there is a loss of honey that would have been stored.

In the middle of the super it is well to put a few bait sections filled with last year's comb. This induces the bees to begin storing early. By wise manipulation much more honey is obtained.

### After All

After all, my bees are doing well! The weather was so bad that in the early spring they came near starving and had to be fed liberally. I could hear of early swarms coming out in other places, but none from my own yard. The first appeared on the last day of May and I have had a good sprinkling of them all through the first half of June. I live on the north side of a high ridge where vegetation, gardens, and bees are slow to feel the genial approach of spring. I think too, that earlier feeding would have brought swarms more promptly. But now (June 21), in spite of almost daily showers, I find my hives packed with both bees and honey. The supers I have opened are chuck full of the prettiest honey I ever saw. My only trouble is in failing to care for my bees constantly as I should. This seems to be a general fault with East Tennessee beekeepers. With proper management and work, I feel sure that beekeeping would be a good, paying business in our part of the country.

### Ventilating the Hive

Plenty of pure air is now the demand for both man and beast. Disease is prevented and cured by an abundance of good air. Consumptives camp out in the woods and get well.

We have also come to see that bees need plenty of pure air. It does not pay to shut them up so they can not have circulation. This should always have been clear had we taken any thought regarding those faithful workers that stand in the entrance to the hive and fan with their wings by the hour. Drop some light substance in the way of it, and the current they make is plainly visible. They stand with their heads

out blowing air into the hive, with all their might, for the preservation of the health and lives of their fellow-workers. What wonderful wisdom and what a lesson to us!

Some beekeepers have a back entrance also to the hive in order to give more air. Others elevate the brood-chamber on blocks so air may come in from all sides. There are objections to these plans and it yet remains to be determined how far they should be adopted. For one thing they give robbers a freer range in getting at their nefarious work.

### Handling Bees

Like many other things, this is an art which comes natural and easy to some folks and just the reverse to others. Bees never sting some people, or rarely so, while others are stung every time they go about bees. Without full consideration this seems strange and mysterious.

Some beekeepers always go about their bee yards in the most gentle manner and never stir up antagonism in their bees. They make no angular or abrupt motions. When they lift the cover from a hive, it is done so gently that the bees don't realize it and remain passive.

If you begin to jerk things around the hive and make disturbing noises you may expect trouble. It seems, too, that the odor of some people is repulsive to a bee, but just how far that may be counted on we cannot tell.

Having a bee sting and then crushing it makes the matter ten times worse for the odor from the crushed bee enrages its companions and causes them to be much more vicious. Always use smoke and give exactly the right amount. Fully protect yourself with gloves and veil and then if a thousand should come at you they could do nothing.



2000 Early Hen  
Hatched Reds.  
1000 Yearlings for  
Sale at Hard Time  
Prices.

De Graff's Book on  
Reds is the Finest  
Poultry Book Ever  
Published.

CIRCULAR FREE.

De GRAFF POULTRY FARM, Amsterdam, N. Y.

## S.C.R.I. RED CHICKS 75c EACH

Weight not Less than 1 Pound

JOHN W. BROWN, Thorn Grove, Tenn.

### A few Reasons why YOU should subscribe for The Great Southwest Magazine

Because it contains articles on the Romance, History and Development of the most picturesque as well as the most interesting and historic part of the United States, The Southwest.

If in search of Wealth, come where there is plenty of it to be found by the man with Energy and Push.

If in search of Health, come to the Health-Giving climate of Colorado, New Mexico, Arizona or California.

If your lungs are weak and your physician and friends have advised you to come to Colorado or some other climate that will benefit you, and you cannot afford the expense, write us to this effect and we will show you a way and help you to obtain treatment at one of the best Sanitariums in New Mexico for one year or longer and it will not cost you one dollar.

Yearly subscription to The Great Southwest Magazine, \$1.00. Sample copy 10c. The Great Southwest Magazine and The Industrious Hen, both one year, \$1.25.

If interested write today, enclosing stamp for reply, to

The GREAT SOUTHWEST MAGAZINE  
600 Railroad Bldg., DENVER, COLO

## BOYD'S QUALITY S. C. BROWN LEGHORNS

WINNERS AND HEAVY LAYERS

Eggs reduced to \$2.00 per 15 the remainder of the season from all pens. The best of breeders for sale after June 1st. Order from this ad or write for mating list.

DR. H. T. BOYD,

SWEETWATER, TENN.

## First Annual Show of the TRI-STATE POULTRY ASSOCIATION

in connection with

GREAT TRI-STATE FAIR, MEMPHIS, TENN.

SEPT. 28TH TO OCT. 9TH, 1909

\$2,500.00 in Cash Premiums, 22 Cups and Trophies  
Valued at \$530.00

GRAND CASH PRIZE OF \$125.00 IN GOLD

The Tri-State Poultry Association will give \$100.00 in Gold for the best 15 birds of any one variety entered and owned by one exhibitor. A second prize of \$25.00 in Gold will be given. Bantams, Guineas, Turkeys and Waterfowls barred.

Judges: Theo. Hewes, S. T. Campbell, F. J. Marshall. For premium list and all information, address R. C. STOCKTON, Supt., 10 N. 2d St., Memphis, Tenn.



**Facts Gained from Experience**

The ideas of a chicken raiser who has been in the business for 20 years, and who operates fifteen incubators and hatches ten thousand chicks a year, ought to be worth something. Such a man is Edward E. Bartlett, of Newburyport, Mass., who holds the distinction of running the largest poultry ranch in Essex county. Mr. Bartlett says:

"It is a wrong impression people have that the chickens in the egg pick their way out with their bills. The natural swell of the chickens, in their growth in the shell, forces the bill through the egg. In their struggles they force a row of these holes, straight as a die, half way round the egg, thereby making a hinge of the shell. Then their claws protruding from one side of the shell, and their shoulders on the other, as they get strength and air, they push the shell apart and flop out."

"It is a perfect impossibility," Mr. Bartlett says further, "to control the sex of the chicken. I have had people come to me to purchase certain shaped eggs, and willing to pay a higher price for them, claiming that they had discovered the secret of this great question. But although I sold them the eggs, I offered them a bonus of all over fifty per cent, of whatever sex they produced. The percentage, you know, is about fifty per cent. Nobody ever came back to claim the bonus."

With reference to the incubator method of hatching, this veteran poultryman says: "Sixty-five per cent is a good average for the number hatched, although it has gone as high as 82 and as far as 90 per cent for the year. It all depends on how much you know of the business, and how much time you give to it, what results you will accomplish."

**LANSDEN'S R. I. REDS**

Summer prices on few year old breeders 500 on the way for the fall and winter shows

**Winners—as usual**

If not satisfied with what you have write us  
H. B. Lansden & Son, Specialty Breeders  
Manchester, Tennessee

**S. C. RHODE ISLAND REDS**

**Best Shape and Color.  
Eggs \$5.00 for 15.**

**S. C. ALEXANDER,  
ASHEVILLE, N. C.**

**S. C. WHITE LEGHORNS**

Eggs from pen of exhibition birds \$2.00 per 15 (limited.)

**W. S. MATHEWS  
BIG STONE GAP, VA.**

**COLUMBIAN WYANDOTTES**

**—OF QUALITY—**

I will sell a limited number of fine breeding females at \$1.50 and \$2.00 each. Eggs for hatching at half price. Send for Circular.

**C. L. PATTERSON, AKRON, OHIO**

# 12 Beautiful Gold Post Cards Free



(12 in the set—only 10 shown)

This is the most royally beautiful set of GOLD POST CARDS ever produced. Every card is a lovely work of art; every flower is shaded in the most natural, life-like and gorgeously beautiful colors. The flowers are on a gold back ground, making them stand out with startling realism. These cards are beautiful enough to frame; mailed to friends or relatives at any time—as for birthday, as a memento of your remembrance—they are the most appropriate symbols of your thoughtful feelings that could be imagined. These beautiful Souvenir Post Cards are fitly named—"BEAUTIES OF FRIENDSHIP SERIES." They rival nature in her most beautiful and lovely colors, and each card contains a pretty verse or sentiment suitable for any time or person. While the supply lasts we will mail you free a set of these wonderfully attractive cards. Just send for this beautiful set and when we send it you agree to show it to three of your friends in accordance with our great free plan whereby you can get 50 or 100 more just as interesting and beautiful absolutely free. You can not appreciate the exquisite beauty of these cards from any description. You WILL when you see them—and so will your friends.

## FILL OUT AND MAIL COUPON TODAY

And immediately upon receipt we will send the cards and tell you how to get as many more as you want. Send 4 cents in stamps to cover postage, etc. This offer good in the United States only.

## THE INDUSTRIOUS HEN CO., Knoxville, Tenn.

Send me the 12 Beauties of Friendship Post Cards and I agree to show them to my friends in accordance with your great free plan. Enclosed are 2 two-cent stamps to help pay postage, etc. My correct address is

Name ..... R. F. D. No. ....

P. O. .... State .....



### New York Egg Supply.

The eagle is a fine bird, undoubtedly; but for all-round efficiency and conscientious devotion to duty, the Great American hen has virtues which cannot be denied. Just now she is evidently working overtime in the attempt to supply New York with fresh eggs. For weeks the product of her activities has been pouring in with increasing volume, until the receipts have reached an average of 10,000,000 eggs per day. Every housekeeper, of course, knows what she pays the grocer for fresh eggs, but even she cannot always tell how many chances less than twelve to the dozen she takes of getting what she pays for nor whence it comes. As a matter of fact, practically every section of the country east of the Rocky mountains contributes to New York's egg supply, but the greater part comes from the great middle west. From December to March the chief supply comes from Texas, Arkansas, Tennessee and Kentucky. Now that spring is traveling northward, southern Illinois, Missouri and Kansas are furnishing the bulk of the higher grades, with a moderate supply from southern New England and other near-by states. In May and June, gathered and packed by country storekeepers in exchange for merchandise or cash, they will come rolling in from northern Illinois, Iowa and Nebraska,

### WANTED

Everybody who wants the best Egg Producers and Blue Ribbon Winners in S. C. White Leghorns to write me. I have hundreds of the very finest for sale at right prices.

A. J. LAWSON, Proprietor, WHITE HILL POULTRY FARM  
Route 4, Box 2, CLEVELAND, TENN.  
State Vice-Pres. Nat'l S. C. W. Leghorn Club.

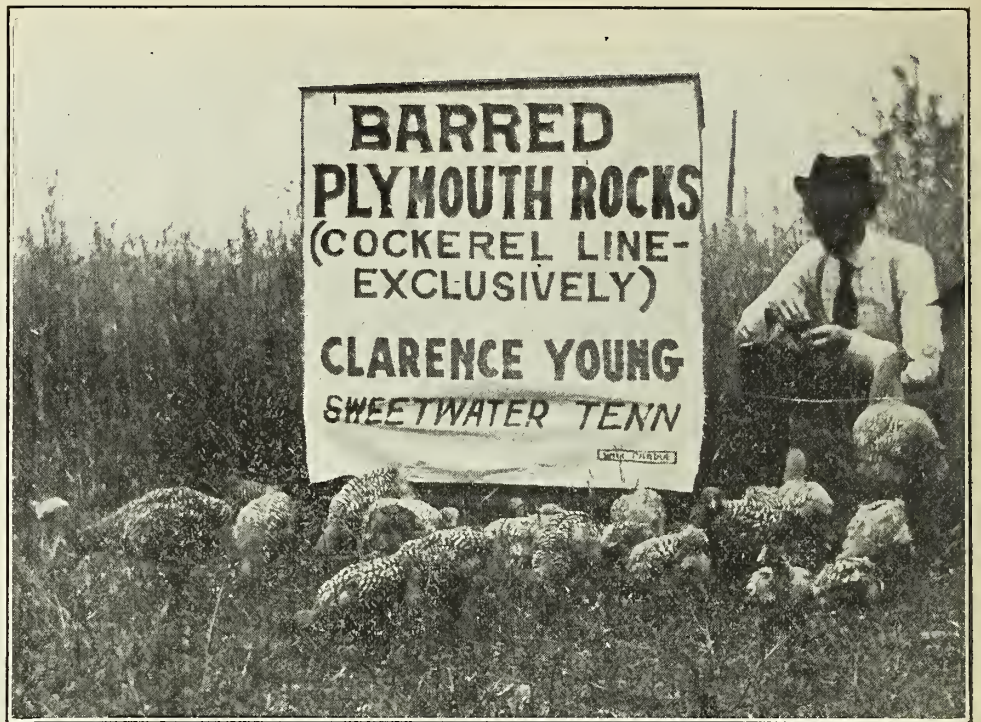
## BROWN LECHORNS

My Free Circular on Show Record  
and Matings tells it all to you

**E. E. CARTER**

Knoxville, Tenn.

Dept. I.H. 967 Broadway



A bunch of Promising youngsters. Bred and owned by Clarence Young, Sweetwater, Tennessee.

Minnesota and the Dakotas. During 1906 the total valuation of eggs received was \$24,067,439. From May to July, the season during which the greatest number of hens are on the job, vastly more eggs come to New York than the population consumes. The surplus is placed in cold storage to reappear again in the late fall and early winter as "fresh" eggs.

### Grapes

Grapes are easily grown and there should be some on every farm, at least for home use. The crop is more cer-

grown for market the yield may be counted at from \$100 to \$300 per acre. Even when killed by late frosts new shoots often come out and bear a fair crop. Grape vines will bear neglect in fertilizing and cultivation but must be carefully pruned each year. In his earliest attempts at agriculture man cultivated the grape.

### Small Beginnings

By far the greatest part of all the best farming and gardening in the world has been from small beginnings. Thus absolutely reliable information was acquired. Many of the leading fruit growers of the country began what is now their main work in efforts to just supply their own families. What thus arose was gradually extended and so a market came for the surplus. It is difficult to produce exactly enough for home use and with none to spare. What is in excess of the need is seldom wasted. We would like to inspire every farmer with the ambition to arrange for a good garden and plenty of fruit this year.—*Home and Farm.*

### The Wakeman Poultry Association

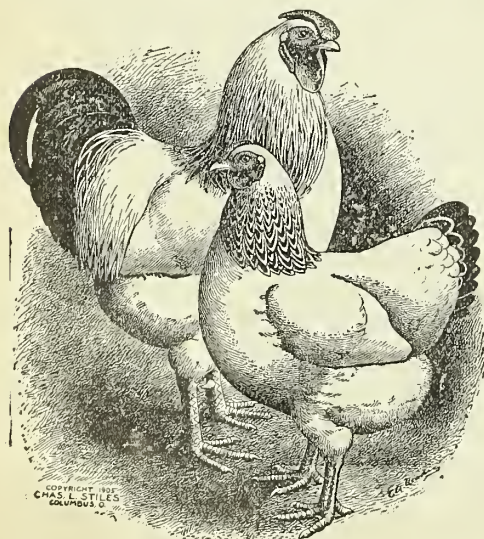
Will hold their annual exhibition in Wakeman, Ohio, January 17-22, 1910. Chas. McClave, judge.—C. H. FIGUERS, Secretary, Wakeman, Ohio.

## HENDERSON'S "Brown Beauties"

Won first cockerel at Knoxville's great poultry show three years in succession under three different judges—takes something mighty good to win first prize in Knoxville.

Don't you want some of this prize winning blood—place your orders now for October—November delivery—pay no money at this time—just tell me what to save for you in

**BROWN LEGHORNS**  
J. H. HENDERSON, Knoxville, Tenn.



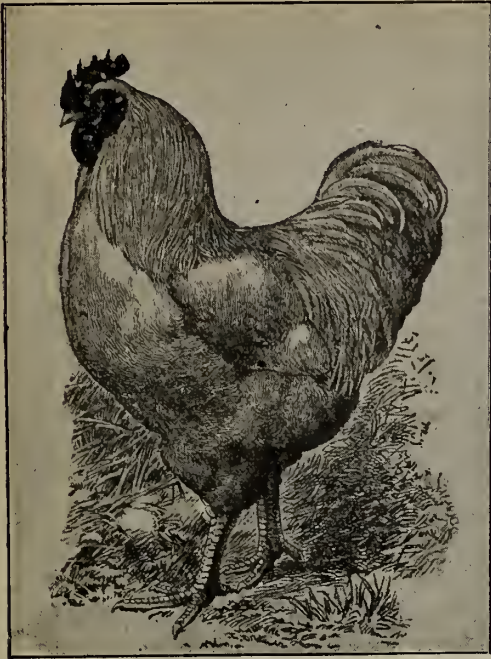
## BUTLER'S COLUMBIAN WYANDOTTES

ARE SURE WINNERS WHERE EVER SHOWN.

We have the best lot of old and young birds on our yards that we have ever had. If you want show birds or breeding stock, write us your wants.

**JAMES M. BUTLER, COLUMBIAN SPECIALIST,**  
MURFREESBORO, TENN.





### BUFF ROCKS OF QUALITY

A Louisville, Ky., winner, score 93½, our own product. Our Buffs won 1st and 3rd Cocks, 1st and 2nd Cockerels, 2nd and 3rd Pullets, 2nd and 3rd Hens, 1st Pen, Special silver cup for highest scoring Pen. Our first Cock was considered a wonder in color and type. Large, rich golden Buff birds for sale that will please you, at reasonable price. Eggs by the setting or hundred. Giant Bronze Turkey eggs, bred from the largest and finest marked specimens the world has ever produced. Yards headed by first prize winners. J. C. CLIPP, BOX 700, SALTILLO, IND.

Tennessee State Fair Poultry Show, Nashville, Sept. 20-25. Jno. A. Murkin, Supt.

### The Genessee Valley Poultry and Pigeon Association

Has elected the following officers: W. J. Gram, president; Arthur C. Schilling, vice-president; H. F. Hildebrandt, treasurer; R. H. Pringle, recording secretary; F. A. Newman, secretary; C. W. Augenstein, superintendent. The Great Rochester show is rapidly coming to the front rank and is becoming one of the most important shows in the country. The Association is determined that their coming exhibition to be held January 10-16, 1910, at Rochester, N. Y., shall overshadow by far their last show, which was the most successful ever held in this state outside N. Y. City. The following judges of well known reputation will officiate: Geo. W. Webb, W. C. Denny, M. S. Gardner, W. J. Stanton, Edw. D. Cornish, Fred Maun-der. Any information will be cheerfully furnished by the secretary, F. A. NEWMAN, Box 472, Rochester N. Y.

### Country's Best Poultry Show

The interest of the poultry breeders of the South is centered in the great chicken show that will be held at the State Fair from September 20 to September 25, and they are making preparations which will insure a display of fowl flesh exceeding in both size and quality any exhibition of the kind that has ever been held, Madison Square Garden not excepted. The success of the 1908 show and its good effect insure success.

The feature last year that was most gratifying to those who are interested in the advancement of the poultry-breeding industry was the large number of Southern breeders who showed for the first time.

This was due largely to the former exhibitions of the Poultry Department—thousands of Southern farmers and their wives have been induced to take a more lively interest in poultry culture through their visits to the Fair—and there is no better way to gain a thorough knowledge of the various breeds.

### Scott County, Ky., Fair

Georgetown, Ky., July 27 to 31—Five days. Liberal premiums, special free attractions, Grand Carnival. Write T. C. BELL, Secy., for further information.

### This is the Season of the Year

when you must make your feeding tell—not in eggs but on the fowls.

Develop large, healthy fowls with a strong predisposition to lay, and bring them along fast by feeding

## DARLING'S



### BEEF MEAL, the frame builder FORCING FOOD, for quick results

It pays to feed for definite results. You get the benefit of a scientific feeding plan when you use

### Darling's Poultry Food Line

Beef Meal, Beef Scraps, Forcing Food, Scratching Food, Laying Food, Chick Feed, Oyster Shell and Mica Crystal Grits.

There is no substitute for Darling special-purpose foods. Sent direct if not on sale with your dealer. The fine big catalog on feeds and feeding always free. Address

### Darling & Company

Box 41, Union Stock Yards, Chicago  
Box 41, Long Island City, New York

### LET ME TEACH YOU HOW TO MAKE

chicken feed at 10 cents per bushel, select the layers, get big hatches, make your own fireless brooder for 50 cents.

### C. M. NEVITT,

3 Marsalis Avenue, DALLAS, TEXAS

## S. C. Brown Leghorns and Columbian Wyandottes

Winners of the Blue in Four States and 3 Cups this Season.

We won on Columbian Wyandottes, Nashville, 1st ck., 1st hen; 1st, 3rd ckl.; and 1st pen. At Jackson, Miss., 1st, 2nd ck.; 1st 2nd hen; 1st, 2nd ckl. 1st, 2nd pul.; 1st pen. At Augusta, Ga., held on same dates as Jackson, 1st, 3d ck.; 4th hen; 1st pul.; 4th pen. At Mobile, Ala., 1st, 2d ck.; 1st, 2d hen; 1st, 2d ckl.; 1st, 2d pul.; 1st pen.

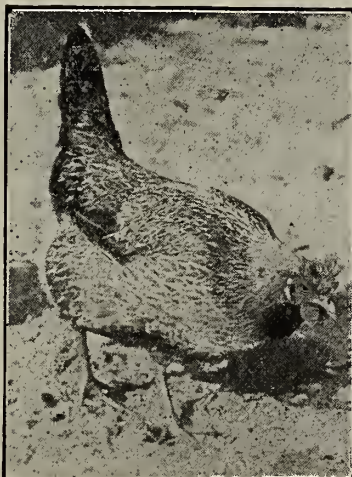
On S. C. Brown Leghorns, Nashville,

3rd ck.; 3rd pen. At Jackson, Miss., 1st, 2nd ck.; 1st, 2nd hen; 3rd, 4th ckl.; 1st, 2nd pullet; 1st pen. At Augusta, Ga., (held on same dates as Jackson), 4th ck.; 1st, 2d hen; 3d ckl.; 1st, 2d pul.; 1st pen and cup for best display. At Mobile, Ala., 1st, 2d ck.; 1st hen; 2d, 3d ckl.; 1st, 2d pul.; 1st pen and cup for best pullet in show.

### STURTEVANT BROS.

KUSHLA, ALA.

Write us your Wants. Correspondence Solicited



## "BUTTERCUPS"

The new breed with qualities that count—see description this paper.

No stock for sale of this breed.

EGGS, \$2.00 FOR 15.

C. S. TAIT, Brunswick, Ga.

## RHODE ISLAND REDS

ROSE AND SINGLE COMB

Largest Exclusive Breeders of Reds in the South

Eggs for hatching a specialty. Write for our mating list, showing winnings, before placing your order. Safe arrival of eggs, good hatch and satisfaction guaranteed. Eggs from prize pens \$2.00 per 15. Special prize matings \$3.00 per 15.

WEST DURHAM POULTRY FARM, WEST DURHAM, N. C.

# Glenview Orpingtons

## S. C. BUFF EXCLUSIVELY

I WILL NOT SELL EGGS

for hatching next season. If you want some of the best stock of Orpingtons in the South, BUY NOW.

Prices reasonable. Please state your exact wants.

B. S. HORNE, Keswick, Va.



### Poultry Raising in Arkansas

The Arkansas State Fair is doing a splendid work in the encouragement of the poultry industry in this state and is planning to make its campaign along this line still more vigorous and effective. Over four thousand chickens and fowls were exhibited at the State Fair last year and a much larger number will be on exhibition at the fourth annual fair, to be held at Hot Springs, October 7 to 13.

The State Fair Association has formed a close co-operative alliance with the officers and members of the State Poultry Association, and with their assistance will hold a poultry show this fall that will be the pride of the entire state.

In addition to the various classes included in the premium list heretofore, the following innovations will be made this year, viz: Barred and White Plymouth Rocks, White Wyandottes, S. C. Rhode Island Reds, Light Brahmas, White and Brown Leghorns, also White, Black and Buff Orpingtons.

The premiums have been revised and the distribution made on a basis which the poultry raisers consider more equitable than heretofore. The efforts of the State Fair in the future will be directed more largely towards the encouragement of Arkansas breeders than catering to fancy exhibits from non-residents. Address State Fair, Hot Springs, Ark., for entry blanks and premium list.

### Two New State Fair Buildings

Nashville, June 10.—If the present plans of the Association—which will continue in charge of the Tennessee State Fair until January 1—are carried out, the Fair will have before the gates open two big new buildings.

One will be for the Poultry Department and the other for the housing of the implements and machinery, which have heretofore been shown in individual pavilions and tents.

In addition a great many smaller edifices will be put up where they are needed.

### In the Industrious Hen

"My little one inch advertisement in THE INDUSTRIOUS HEN has sold me out of eggs. I have turned off over \$20.00 worth of orders for eggs so far."—J. C. Moore, Dothan, Ala.

"THE INDUSTRIOUS HEN has brought us excellent results, and I assure you that I will be with you again next season. We have no stock for sale, and our egg orders are coming in at such a rapid rate that it will be impossible for us to fill all our orders this season again."—ERNEST KELLERSTRASS, Kansas City, Mo.

### EGGS FOR SALE

from fine Buff Rocks, from the best strain in the country at \$1.00 and \$2.00 per 15.

**R. I. SATTERFIELD,**  
Route 5, Fairmont, W. Va.

### 24 LEGBANDS FREE MAKE YOUR HENS PAY

We send free 24 of the best Leg Bands made to every new and



renewing subscriber to THE INDUSTRIOUS HEN at 50c. 36 Bands will be sent with a three years subscription for \$1.00. If you are already a subscriber you may renew; or if you will get your neighbor to send 50c. for his subscription, we will send a dozen Leg Bands to each. Enclose money order or stamps to

**The Industrious Hen Co.,**  
KNOXVILLE, TENN.

**L. B. COOK'S**  
**S. C. RHODE ISLAND REDS**  
**RED HEN POULTRY YARDS**  
**STANFORD, KY.**

## S. C. RHODE ISLAND REDS

2 Silver Cups, 31 Ribbons, 1 Diploma and 4 Special Badges this season. Eggs at half price, and 6 breeding pens for sale at a bargain. Premiums won at Louisville, Lexington, Frankfort Knoxville, Memphis, Bowling Green, etc. Send for mating list.

**L. B. COOK, Box A., Stanford, Ky.**

## Breeder of R. C. RHODE ISLAND REDS

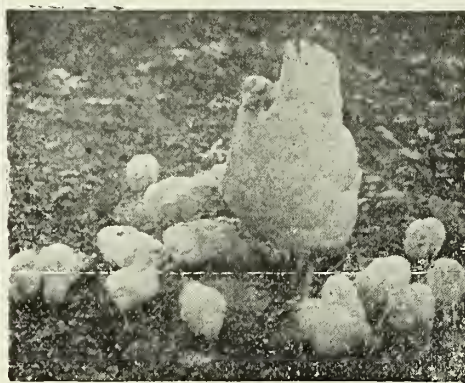
For six years have never lost out in the show room. A nice lot of breeding stock for sale cheap to make room. Eggs balance of season \$1.00, \$1.50 and \$2.00 per 15. Young stock for sale after October the first.

**S. L. ALLEN, R. F. D. No. 2, Marietta, Georgia**

**Thornhill's**  
**BROWN**  
**Leghorns**

Are Bred to Lay. Are Bred for Show. Are Among the Best. Results Guaranteed. Booking Orders for Spring Delivery. Eggs, \$2.00 per 15.

**THORNHILL'S POULTRY YARDS**  
**NEW DECATUR, ALA.**



No. 6—Score 93; Egg Record 197.

**Blue Blood Winners** **HARD TO BEAT** **Large Production Layers**

### BAYNE'S EGG RECORD STRAIN OF WHITE WYANDOTTES

With fowls having an average egg record of 198 eggs in a year, I won this season at Knoxville, December, 1906, 1st hen, 3d cock, 2d pen, highest scoring W. W., and had best shaped male. At Bristol, Va., January, 1907., 1st 2d cock; 1st cockerel; 1st, 2d, 3d, 4th hen; 1st, 3d pen; best shaped male, and silver cup for largest winning display of 10 or more birds in American class. My fowls have vigor, health and hardiness; raised on free range—forty acres. Breeds, show or business birds on sale. Eggs, \$2 for 15; \$3.50 for 30; \$4.50 for 50; \$8.00 for 100.

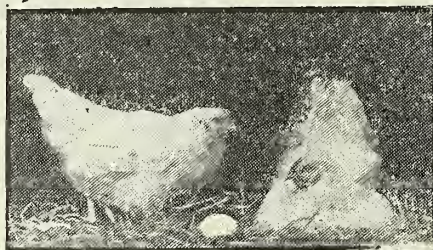
**T. L. BAYNE, RUSSELLVILLE, TENN.**

## BARRED MINORCAS

I have bought the Madison Square prize winners of this beautiful Minorca. Will have a few settings of Eggs to spare after June 10th at \$10.00 per dozen. Mr. Schwarz charged \$25.00 per dozen. I want to get others interested in the breed, hence make a low price. Black Minorca, Rhode Island Red and Cornish Indian Eggs at 10c Each.

Many prize winners in my flock.

**C. S. TAIT, BRUNSWICK, GA.**



### Which Hen Layed the Egg?

Every poultryman wants to know which hen layed the egg without having to watch trap nests all the time. I have discovered and protected a system showing absolutely WHICH HEN LAYED THE EGG. You can feed your fowls in the morning, visit yards at night and immediately recognize every hen that layed and each individual egg. Remember, you can

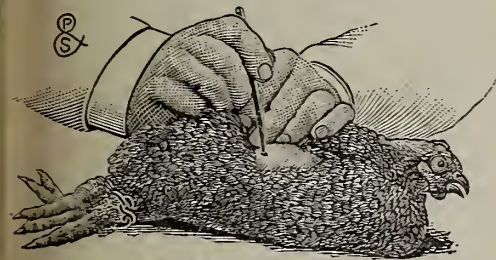
be away all day and still have an absolute record of every hen in your flock. No guesswork, examination or catching hen. Any one can do it. Cheap to install, no expense afterward and will last a lifetime. Get rid of the drones, breed from the heavy layers and double your profits. Booklet telling you how you can construct and operate this system sent prepaid upon receipt of \$1.00. Endorsed by members of Herndon Poultry Association. Address,

**M. F. HUTCHISON, Box 47, HERNDON, VA.**



**The Best Time to Caponize**

Fowls hatched any time of the year make fine Capons, but from now on the next thirty or forty days is the best time although no ill result follows the operation at any time of the year; but it is most important that the bird should be of correct size, that means from two to four months, although if they are not very large they can be Caponized up to six months. The size is equally as important as the age. Fowls that are Caponized in the summer months are best for the reason that spring chickens arrive at proper



G. P. PILLING &amp; SON, PHILA.

age and weight during these months and also because cockerels that are Caponized arrive at the proper age and weight for market during the months of December, January, February and March, at which time is the greatest demand for them in the cities and highest prices paid. We recommend our readers to write G. P. Pilling & Son Co., Arch St., Philadelphia, Pa., asking for their Guide for Caponizing. It will be sent to any of our readers free of charge. After reading this little pamphlet we recommend you to get a set of the "Easy to Use" Caponizing Tools, read over the directions and begin the work.

**BLACK LANGSHANS**

Imported and home bred stock of the highest type  
R. A. HEWES, CRETE, ILLINOIS

**EGGS AT HALF PRICE**

Commencing May 20th, eggs from RUDY'S PERFECTION WHITE WYANDOTTES one-half former prices. Now is the time to get the best, as some of my most noted prize winners have been June-hatched chicks,

**RUDYDALE POULTRY FARM**

GEO. H. RUDY, - MATTOON, ILLINOIS.

**WE WILL PAY \$1.00 IN CASH**

FOR ANY CASE OF

GAPES in little chicks  
CHOLERA, CHICKEN POX  
SORE HEAD, ROUP  
CANKER, or SCALY LEG

that we can't cure with

**SMITH'S POULTRY REMEDIES**

We raise thousands of pure bred birds every season and never lose one from disease.

For full information and prices address

SMITH BROTHERS, Haley, Tenn.

**Business White Wyandottes**

Trap nests used. Every pen headed by a male hatched from an egg laid by a hen that laid not less than 200 eggs that year.

**Business Light Brahmas**

Same quality

Stock for sale. Eggs in season.  
Circulars free.

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**Only a Few Fine Exhibition Birds for Sale**

No breeders for sale this season.

If you want to win in the big shows buy a pen from me.

My birds have won North, South, East and West.

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Winners since 1905 Houston, Tex.; Marshall, Tex.; Charleston, S. C.; Augusta, Ga.; Atlanta, Ga.; Nashville, Tenn.; Bristol, Tenn.; Aberdeen, Miss.; Montgomery, Mobile and Birmingham, Ala. IN THE HANDS OF MY CUSTOMERS: Nashville, Tenn.; Dallas and Fort Worth; Tex.; Augusta and Atlanta, Ga.; Greensboro, N. C.; Oakland, Cal.; Portland, Ore., and other shows. EGGS—Prize mating, \$5.00; special mating, \$3.00. After May 1st, half price. Utility, Fancy Breeders and Prize Winners for sale. Circular free. Write me your wants.

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304 Tuscaloosa Ave.

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**SINGLE COMB RHODE ISLAND REDS**

Heavy winnings, season 1908-9. We won 23 prizes in four of the leading shows of the South: Ala. State Fair, Birmingham, Ala., Mobile Poultry Show, Mobile, Ala., Etowah Poultry Show, Gadsden, Ala., the great Southern Show, Houston, Texas. We are now selling eggs at a reduced price. Eggs from prize winners \$2.00 and \$3.00 per setting of 15 eggs. Not culls, but high bred poultry. Order your eggs today, and raise REDS that lay.

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**The South's Greatest Show****Tennessee State Fair Poultry Show**

NASHVILLE, TENN., SEPT. 20-25, '09

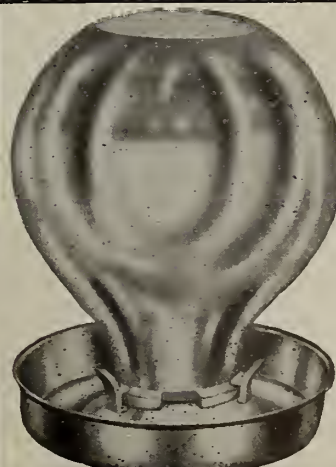
Over 3500 Entries Last Year from 20 Different States

Bigger and Better than Ever this Year

DON'T FAIL TO COME AND BRING YOUR BIRDS

For Premium List and Entry Blanks, address

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**Chapman's Sanitary Fountain**

Is the most Sanitary Poultry Fountain in the world today. The reservoir is made of 3-16 inch walls of glass reinforced to 1/2 inch where it locks with the pan. It will stand all kinds of abuse before breaking, and can be easily cleaned. With the unsanitary conditions of poultry fountains as they are today, is there any wonder at the great death rate in poultry yards especially among chickens. More deaths occur from polluted water than in any other way. This fountain is what you have been looking for. Write for a catalogue. Fountain with glass reservoir and Metal Pan, capacity, 5 qts. \$1.00.

CHAPMAN TRAP NEST CO., Weld Bldg., BOSTON, MASS.



### The Tri-State Poultry Show

The premium list of the Tri-State Poultry Association show, to be held in connection with the Tri-State Fair, at Memphis, Tenn., Sept. 28th to Oct. 9th, has just been received. It is gotten up in a very tasty style and makes some very attractive offers, a summary of which follows: Regular Cash Prizes for every breed of Standard Poultry, Turkeys, Ducks and Pigeons amounting to \$2,000; Sixty Special Prizes; Thirty-eight Cash Prizes; ranging from \$125 to \$5.00, amounting to \$525.00; Fifteen Cups and Medals, valued from \$50.00 to \$10.00 (amounting to \$400.00); Two Silver Cups for Amateurs (parties who have never exhibited before), valued at \$40; Five Juvenile Premiums (exhibitors under 20 years of age), headed by scholarship in Nelson's Business College, worth \$50.00, and other valuable Prizes valued at \$90.00, making a grand total of \$3,055.00. Such liberal premiums offered by a new association and in an undeveloped territory should be of interest to our poultrymen, for it opens up great possibilities for those who take their birds to this show. The awards will be placed by Theo. Hewes, F. J. Marshall and S. T. Campbell, all judges of national reputation, who need no introduction to the poultrymen of this country. For premium list or other information, address, R. C. Stockton, Superintendent, 10 North Second St., Memphis, Tenn.

### Show Dates

Monroe, N. C.—Dec. 16-20, 1909. J. H. Beckley, Secy.; S. T. Lee and J. E. Cornwell, judges.

Sylvania, O.—Jan. 3-7, 1910. W. B. Harris, Jr., Secy.; W. E. Starfield, J. W. Mulinix, A. H. Emch, judges.

Upper Sandusky, O.—Dec. 7-11, 1909. J. P. Cammarn, Secy.

Augusta, Ga.—Nov. 8-13, 1909. Dr. W. C. Cleckley, President; W. A. Herman, Secy.

Sept. 28th to Oct. 9th—Tri-State Poultry Association in connection with the Tri-State Fair, Memphis, Tenn. Judges: Theo. Hewes, F. J. Marshall and S. T. Campbell. R. C. Stockton, Superintendent, 10 North Second St., Memphis, Tenn.



Write to W. S. KING, Supt., Lonoke, Ark., for Catalogue.

**100 PAGE COOK BOOK** Contains all the latest Receipts for Cooking everything; over 200 receipts nicely printed and bound, postpaid 75c. Address

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### MARTIN'S QUALITY BREEDS

White, and Columbian Wyandottes, Blue Andalusians, Buff Orpingtons, and Rhode Island Reds.

**Martin Poultry Farm**

R. 5, Nashville, Tenn.

### YOUNG STOCK FOR SALE

**SINGLE COMB RHODE ISLAND REDS**  
And Single Comb Brown Leghorns

Eggs Reduced to \$1.50 for 15  
MILTON DOSS, Mgr. Pioneer Poultry Yards  
DOSS BROS., Props., Kimberly, Ala.



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### THE SOUTHERN PLANTER

Richmond, Va., 50c a year.

### SOUTHERN FRUIT GROWER

Chattanooga, Tenn., 50c a year.

### THE INDUSTRIOUS HEN

Knoxville, Tenn., 50c a year.

### 12 BEAUTIFUL GOLD POST CARDS

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Retail Price, 25c.

These three monthly publications will be sent for one year, the 12 handsome Gold Post Cards, and 24 up-to-date Legbands, numbered, for marking your chickens, FOR ONLY \$1.00. Address,

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KNOXVILLE, TENN.

### CHOICE POULTRY YARDS

Can furnish you THOROUGHbred CHICKENS, almost any variety you may desire at reasonable prices. SATISFACTION guaranteed or your money refunded, upon return of fowls, and we pay the return express. Agents for Cyphers Incubators and Poultry Supplies.

Call on or address

**J. P. SWIFT & SON, Waynesville, N. C.**

Buffalo, N. Y., March 25, 1909  
**Industrious Hen, Knoxville, Tenn.**

Gentlemen:—Kindly discontinue our ad in your publication at once. Your paper has brought us larger returns than many journals where rate is twice yours. We intend to enlarge our plant and have no more breeders for sale. Thanking you for past favors and assuring you that when we have stock on sale again our advertisement will appear in The Industrious Hen, we are,

Very truly yours, Melrose Squab Co.

### The Great Mid-west Poultry and Pet Stock Association

Chicago, under new management, bids fair to rival the largest shows ever held in America. The new association is backed by business men that have a thorough knowledge of the wants of the poultry and pet stock breeders. They will offer liberal cash and special prizes and guarantee the payment of them.

America's leading judges have been engaged to award the prizes. The Coliseum building, one of the best show-rooms in America, has been leased and with the famous Empire Coops with which to cage the show and a city of more than 2,000,000 people to patronize it, we look for one of the greatest shows ever pulled off in this country. The dates, December 7-12, 1909, are ideal for a good western exhibition and coming as it does, two weeks ahead of New York, gives the Eastern breeders an opportunity to patronize both exhibitions. A glance at the list of stockholders will convince the most skeptical that this show will be run on down-to-date, broad-gauge principles and it is really gratifying to us to know that Chicago has at last taken its proper place at the head of the great mid-west poultry industry.

The show will be run on practically the same lines as New York and Boston. The premiums will be \$5.00 for first and \$3.00 for second in the single class with \$8.00 for first and \$7.00 for second on breeding pens. Following is a list of the stockholders. For further information address the secretary.

Chas. Buschmann, Indianapolis, Ind.; Inland Poultry Journal, Indianapolis, Ind.; Henry Dipple, Indianapolis, Ind.; Reese V. Hicks, Topeka, Kan.; F. L. Kimmey, Morgan Park, Ill.; Dan Palmer, Yorkville, Ill.; E. E. Richards, Cedar Rapids, Ia.; Irving A. Sibley, So. Bend, Ind.; A. & E. Tarbox, Yorkville, Ill.; C. S. Byers, Hazelrigg, Ind.; J. C. Dinsmore, Kramer, Ind.; Frank Hare, Quincy, Ill.; Ernest Kellerstrass, Kansas City Mo.; A. E. Martz, Arcadia, Ind.; Chas. G. Pape, Ft. Wayne, Ind.; Geo. Rudy, Mattoon, Ill.; Wm. A. Stolts, Indianapolis, Ind.

Theo. Hewes, Indianapolis, Ind., Secretary.

I will have some old and young stock and a few eggs from my Exhibition Barred Plymouth Rocks for sale now

**W. E. WALL, Vacluse, S. C.**

## THE NEW BREED— Buttercups

**RECORD—300 EGGS PER YEAR**

CIRCULARS AND PRICES SENT WITH PLEASURE

SOME FINE YOUNG STOCK FOR SALE FROM SEPTEMBER ON

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(CATO'S HALL)

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### Tormohlen's "EVER-LAY" Strain of S. C. BROWN LEGHORNS

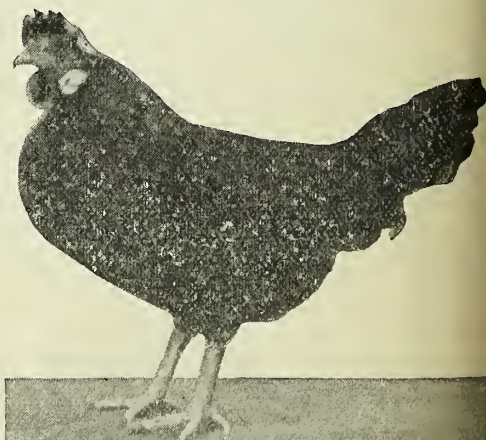
The leading strain of heavy layers. Chicago, and bred from Chicago winners. Males with strongly stripped hackles and saddles. Females with fine penciling and even color that win everywhere.

Eggs \$2.00 Per 15; \$5.00 Per 45

Address

**H. V. TORMOHLEN**  
INDIANAPOLIS, IND.

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EVERLAY BROWN LEGHORN PULLET  
WINNER AT CHICAGO '08



# Wilson's White Leghorns Layers - Breeders - Winners

OLD AND YOUNG STOCK FOR SALE

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## 15 BEAUTIFUL ART POST CARDS

All different, postpaid for 25c in silver.  
Mention this paper. Address

W. H. DUTTON, 704 W. Markham St., Little Rock, Ark.

## FEED LESS EGGS IN THE SUMMER AS WELL GET MORE EGGS

as winter. Let me send you my catalogue of SINGLE COMB WHITE LEGHORNS.  
A. P. RYLAND, The Chicken Man  
Pine Hill Farm, Pine Bluff, Ark.

## Mapleton Poultry Yards Golden Wyandottes, (Exclusively)

If it is Golden you want, write to me. I am still selling eggs to hatch, but have reduced my price for summer. Write for my catalogue and list of winnings.

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Vice-President Golden Wyandotte Club

## A. C. SNODDY Columbian Wyandotte Specialist Eggs \$1.50 to \$3.00 per 15. NEWPORT, TENN.

Won 1st pair, Newport; 1st pullet and 3rd cockerel, Knoxville. The highest scoring Columbian in show.

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FOR SALE—Some fine Indian Game cockerels and pullets. Birds from best imported stock. Eggs in season \$3 and \$5 per fifteen.

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Member the Rhode Island Red Club of America and Breeder of

S. C. RHODE ISLAND REDS  
WHITE PLYMOUTH ROCKS

NONE BETTER FEW AS GOOD  
Write for Prices on Stock or Eggs.

## SPRING HILL LEGHORNS

SINGLE COMB PURE WHITE

Summer Bargains in Stock and Eggs  
Write for Prices

F. J. HEACOCK, R. 2, Salem, Indiana.  
Sec'y Washington Co. Poultry Association.

## Wright Brothers' Machine

The Wrights have designed types of aeroplanes for use in France as well as the United States. The American design was accepted by the United States government for military purposes after it had made an aerial voyage lasting over an hour, and at an elevation at times of 250 feet above the earth. In September, 1908, Orville Wright performed this successful feat with Lieut. Frank P. Lahm, the aerial expert, as a passenger. This aeroplane, which is the most practical design which has yet been built in America, is forty feet in length. Its weight without passengers is 850 pounds, including a gasoline motor having the power of forty horses, which has driven it through the air at the rate of thirty-nine miles an hour—the speed of a fast railway train.—July St. Nicholas.

## The Ohio State Poultry Association

Was incorporated with a capital stock of \$1,000.00, shares at \$2.00, and the following directors and officers have been selected—Prof. C. S. Plumb, president; G. R. Haswell, secretary; Chas. L. Stiles, treasurer; Chas. L. Fischer, Wm. E. Hague, Hugo B. Hark, John T. Heizer, Oscar E. Miles, E. Earl Shedd, Jr. The first annual show will be held at Columbus, Ohio, January 16, 1910.—G. R. HASWELL, secretary.

Tennessee State Fair Poultry Show, Nashville, Sept. 20-25. Jno. A. Murkin, Supt.

## WONDERFUL EGG RECORDS

Winnings and cheap prices for June and July.

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## GREAT MOUSE CHASER



An egg-shaped ball of harmless chemicals that drives lice off hens. Keeps chickens clean and healthy. No "doctoring"—just put

Medicated Nest Egg under the straw of the nests, or in the coop. Lice flee, never to return. Perfectly harmless to chickens. Big money to agents.

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## S. C. BUFF ORPINGTONS

Imported strain, rich golden buff throughout, up to weight. Mine are winter layers; and win the Blue. Eggs \$2.00 per 15. Stock a matter of correspondence.

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Route 4, Box 2, Cleveland, Tennessee

## PARTRIDGE COCHINS

blue ribbon winners bred to lay; and do lay. Won 7 prizes on six entries Lebanon, Jan. 1908. Won 15 prizes on 15 entries Lebanon, Dec. 1908. Eggs from first pen, \$2.00 per 15. Second pen, \$1.50 per 15.

THOMAS OWEN, R. R. 1, Box 21, LEBANON, TENN.

## GABHART'S S. C. WHITE LEGHORNS

The recognized champions of Kentucky. The great prize winning and laying strain. Young stock that will win at the fall shows now ready. A limited number of hens for sale.

W. E. GABHART, BOX M, BOHON, KENTUCKY

## Barred and White Plymouth Rocks

Vigorous, Prolific Layers and Blue Ribbon Winners

INCUBATOR EGGS AND DAY OLD CHICKS

Eggs now only \$1.00 per 15. Regular price \$3.00 per 15

Sanford McFerrin, R. F. D. No. 5, Springfield, Tenn.

## CLOSING OUT SALE!

¶ After May 1st will sell eggs for hatching at half price, assorted from all yards that are laying. Will also offer for sale some extra good breeding stock in Trios and Pens very cheap, quality considered. Write for special folders. The famous Barred P. Rocks is what I breed.

C. H. DOZIER, MARION, ALABAMA

## DES-RENA POULTRY YARDS

GREENVILLE, S. C.

Our Royal strain of Barred Plymouth Rocks, and White Wyandottes are winners where ever shown, and we can make interesting prices on eggs to any one that wants to breed the very best of birds. We have a few very fine pullets that we can sell very cheap, considering their quality. Our Rocks are all from E. B. Thompson, Bradley Bros., and C. H. Latham's strains, and are very fine birds. Our birds won at all the big shows that we entered them at this season.

DES-RENA POULTRY YARDS,

GREENVILLE, S. C.



R. I. R Breeders of New York State,  
Attention!

The New York State branch of the R. I. Red Club of America extends an appeal to all breeders of the State to send an exhibit to the State Fair at Syracuse in September. We expect to turn out the largest exhibit of R. I. Reds ever shown in this country and as an education to all breeders, it will be worth traveling miles to see.

We will offer two Silver Cups worth \$10.00 each to be competed for by club members only. One for best shaped male and the other for best colored male, either Rose or Single Comb. In addition to this the fair will offer a beautiful Silver Cup, valued at \$25.00, open competition. These specials should be sufficient to induce every breeder of Reds to send an exhibit. The branch has arranged to have a booth in the poultry building where they will be pleased to meet all Red breeders and talk over matters of interest to the breed and club.

A meeting of the branch members will be held on Thursday on the fair grounds. Notice will be given at the booth in which building the meeting will be held. If you are not a member of the club you should join at once so as to be able to compete for the silver cups. For information write the secretary, H. L. GREENE, Sherburne, N. Y.

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trious Hen. You will find this pleas-  
ant and profitable. Write us for par-  
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150 Feet Long for 75c

Galvanized Poultry Netting

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RHODE ISLAND REDS

Stock and Eggs from Prize Winners.

RIDGE VIEW FARM, Willoughby, O.

MONEY IN POULTRY AND EGGS

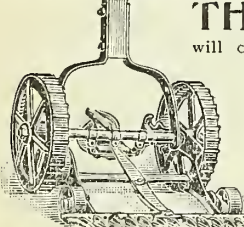
We tell you how to make it. Address,  
G. A. SHARP & CO., LOCKPORT, N. Y.

BUFF WYANDOTTES

THE BEST BREED

Nothing but Prize Winners in my breeding pens  
Eggs \$2.00 Per Setting of 15.

W. G. GRIFFIN, BRISTOL, TENN.



THE CLIPPER

will cut tall grass, short grass and weeds, and do all the trim-  
ming along the fences,  
walks and drives.

If your dealers do not keep  
them, let us know, and  
we will send circulars and  
prices.

Clipper Lawn Mower  
Co., Dixon Ill.

TO MAKE ROOM

For my young stock I will offer some of my  
choice WHITE PLYMOUTH ROCK YEAR-OLD  
HENS in any quantity to suit at \$15.00 per  
dozen. Also a few male birds to spare, from  
\$2 to \$10 each. Order direct from this ad.  
Eggs \$1.00 for 15; \$4.00 per 100.

C. M. WALKER, - HERNDON, VA.

ROSE C. BLACK MINORCAS.

COLUMBIAN WYANDOTTES.

Trap nest pedigree layers and ex-  
hibition birds for sale. Superb in  
quality. Are unequaled as egg  
producers.

S. T. CAMPBELL, Mansfield, O.

Two Dozen Leg Bands Free.

You can't tell what your hens are doing  
unless you leg band them. You have to pay  
five cents each if you don't put leg bands  
on before you go to the show, so get your  
leg bands, now while you can get them for  
nothing. THE INDUSTRIOUS HEN has 5,000 of  
the best leg bands made to give to its read-  
ers. These leg bands retail at 15c a dozen.  
Here's how to get them free. Send us fifty  
cents for THE INDUSTRIOUS HEN one year and  
we will mail you 24 of these leg bands. If  
you have recently paid your subscription you  
may renew for another year; or if you will  
get one of your neighbors to send in fifty  
cents for his subscription, we will mail you  
a dozen bands each. This gives everybody a  
chance to get these leg bands free. Don't  
wait. Write today to THE INDUSTRIOUS HEN  
Co., Knoxville, Tenn.

Successful White Leghorn Season

"My ad in THE INDUSTRIOUS HEN has  
brought me inquires from all over the country,  
and I have had a very successful season with  
my white Leghorns.—JAMES A. WILSON, Oliver  
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SINGLE COMB WHITE LECHORNS

HOLSTON STRAIN

One of the best laying strains in the South. 75 nice yearlings for sale cheap. Also 400 March-  
hatched pullets and cockerels for sale at \$1.00 each. Must have the room.

NOLA CHUCKY POULTRY FARM, Morristown, Tenn.

SHELTON'S

BARRED ROCKS

Winners at South's Leading Shows. Bred from  
Chicago and New York winners. The best in  
Southland. Eggs after May 1st \$1.50 per 15.

W. T. SHELTON & SON, Antioch, Tennessee

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All that is necessary is a postal card with your name and address plainly written  
on it, and we will send you the

SOUTHWEST POULTRY JOURNAL

the poultry paper of the Ozark country, published in Missouri, six months free.  
It is a large paper, full of valuable information to all. Send name of two friends  
or people who raise chickens or live on farm, with your name, please.

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McCLAVE'S "Old Reliable"

LINWOOD POULTRY YARDS

ESTABLISHED 1874

Practical breeder of prize-winning Wyandottes, Rocks, Leghorns, Tur-  
keys, Geese and Ducks. Winners at the leading shows of America,  
including New York, Boston, Buffalo, Toronto, Pittsburg, Hagerstown,  
Cleveland, Chicago, St. Louis and many others. More than 3000 prizes  
won in past three years. Choice birds for sale at all times. No differ-  
ence what you want, ask McClave, he has it. :: :: :: :: ::

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CHAS. McCLAVE, - New London, Ohio

CAPON TOOLS



CAPONS bring the largest profits

—100 per cent more than other poul-  
try. Caponizing is easy and soon  
learned. Progressive poultrymen use

PILLING CAPONIZ-  
ING SETS

Postpaid \$2.50 per set with free instruc-  
tions. The convenient, durable, ready-  
for-use kind. Best material. We also make

Poultry Marker 25c. Gape Worm Extractor 25c

French Killing Knife 50c. Capon Book Free.

G. P. Pilling & Son

Philadelphia, Pa.

WYANDOTTES, R. I. REDS. COLUMBIANS

Goldens, Whites,—both combs, S C. Buff Orpingtons  
Old stock for sale cheap to make room for young

Dillon & Bell, 4103 Colerain Ave., Cincinnati, O



**Special Premium List**

In addition to the regular premium list a special poultry premium list will be issued of the Tennessee State Fair Poultry Show this year. It will be sent to breeders and exhibitors all over the country together with entry blanks.

**Augusta, Ga. Poultry Show**

Under auspices most favorable, the prospects are bright for the forthcoming show to be held at Augusta, November 8 to 13. It will be given with the Georgia-Carolina Fair, which means that it will be a success. For further information write W. A. HERMAN, Secy., Augusta, Ga.

**R. I. Red School, Oct. 4th**

The Rhode Island Red School given by the National Single Comb and the International Rose Comb Clubs, will be held again at Springfield, Illinois, in connection with the State Fair, at 10:00 a. m., October 4, 1909. All Rhode Island Red Breeders are invited to join the clubs and attend this school. No further cost to attend the school. Be with us.—J. H. Valliere, Chairman Committee.

**Notice to All Rose Comb Breeders**

The International Rose Comb Rhode Island Red Club will hold its annual meeting and election of officers for 1910, at Springfield, Illinois, during the State Fair. This meeting will be called at 10:00 o'clock, sharp, Tuesday morning, October 5th. All who are interested in this breed should meet at the Poultry building and attend both meetings and the School of Instruction.—Tom J. Ridge, Secretary-Treasurer, Cedar Rapids, Iowa.

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## Breeds

## Quality

## Columbian

## Wyandottes

Parrish breeds and sells more show specimens than any five breeders in the South.

There is a reason for this.  
What?

The strongest color lines on earth.

Several of my customers last year in the very warmest competition, not only won color specials, but pinned up the shape specials also.

That is why I claim quality.

Write for Catalogue.

**T. REID PARRISH**  
LICENSED JUDGE  
NASHVILLE, TENNESSEE

**Report of Executive Committee**

West Orange, N. J., May 3, 1909.

To the members of the National White Wyandotte Club:

The Executive Committee, consisting of Messrs. Cleveland, Hawn, Martin, Doak and Hume, to which Committee the charges filed against W. R. Graves, of Southboro, Mass., and Theodore Ambrosius, of Collinsville, Illinois, were submitted, reports that it has read and digested all the testimony and the exhibits attached thereto, and that the vote of the Committee upon said charges is as follows: With reference to W. R. Graves: The Committee voted to censure him for his connection with the transactions referred to in the charges. With reference to Theodore Ambrosius: The Committee voted to suspend from the Club for a period of two years. Respectfully submitted. CHARLES D. CLEVELAND, Chairman.

**Tennessee State Fair Poultry Show, Nashville, Sept. 20-25. Jno. A. Murkin, Supt.**

**WE BUY THOROUGHbred POULTRY**

Write and Make Us an Offer

**J. STECKLER SEED CO., Ltd.**

512-516 Gravier St., NEW ORLEANS, LA.

The largest seed house in the South—vegetable, flower, field and grass; fruit trees, roses, everything. Breeders of Fancy Poultry, Swine, Pigeons, Rabbits.

**TO MAKE ROOM FOR REDS**

I WILL SELL 1 PEN OF WHITE ROCKS

10 pullets and hens, headed by a Charleston '08, Cockerel. Eggs from Best Strains of

S. C. R. I. REDS FOR SALE

**ERNEST A. MARVIN, White Hall, S. C.**

**HOUDANS****SPECIAL SALE LIST NOW READY**

200 grand breeding hens and a few choice male birds at less than one-half price. Must be sold to make room for young stock. Eggs one-half price balance of season.

**DR. G. W. TAYLOR, Box H, ORLEANS, INDIANA**

**PRINTING FOR POULTRYMEN**

We have the best equipped plant in the South, and our customers have the full use of our thousands of poultry cuts. Send for samples and estimates on printing, and all kinds of blank books. **THE INDUSTRIOUS HEN CO., Knoxville, Tenn.**

**BUFF and BLACK****ORPINGTONS****BUFF and BLACK**

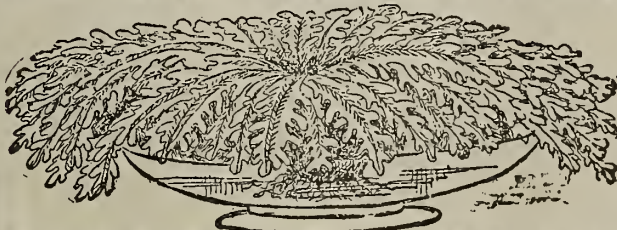
From my long established yards have come many great Prize Winners of the breed. It is easy to buy a few birds of uncertain breeding, go to some easy show, win a few prizes and advertise that your fowls are the best. But go up against the guns in National and International Battle and try it. At World's Fair, St. Louis, in competition with a State? No! the United States? No. but with the

**CREAM OF THE UNIVERSE**

I won on eleven entries, besides specials, 3-1sts, 5-2ds, and 2-3rds, a prize on each entry, save one injured in transit. This is But One of my Many winnings. Numerous Cups, Firsts and specials in Leading Shows have been won by birds of my strains for many customers, whose splendid achievements in yard and show room are my ideal advertisement. Describe wants and will please you or birds may be returned at my expense.

**S. LUTTRELL,**

**WAVERLY, ILL**

**Two Sacred Resurrection Plants Free. (The Rose of Jericho.)**

Sacred Resurrection Plant (Rose of Jericho.) These rare and curious plants grow and stay green by placing them in water. When taken out of water they dry and curl up and go to sleep. They will keep in this state for years. Simply place the whole plant into water; it will open up and start to grow in about twenty minutes. We will send Farm News, the biggest little paper in the world for the farm home, on trial 3 months for 6 cents. Send four cents to prepay postage and expense on the plants, and 6 cents for trial subscription to Farm News, 10 cents in all.

Either offer separately if desired. Address **FARM NEWS, 243 Washington St., Springfield, O**

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN

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**HEN-E-TA BONE-GRITS**

NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED

NO MORE BONE CUTTERS NEEDED

100 LB. BAG \$2.25 | 50 LB. BAG \$1.50

30% PURE BONE ASH

RELIABLE JOBBERS WANTED

**HEN-E-TA BONE CO.**

NEWARK, N.J. DEPT. 8 | FLEMINGTON, W.VA.

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**Blood and Nerve Tablets**

The Great Tonic For Old People

Build Up the Vital Forces.

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**INDIAN RUNNER DUCKS**

First prize winners at World's Fair, St. Louis, Mo.; Herald Square, New York; Kansas City, Mo.; Chicago, Ill.

**WHITE WYANDOTTES**, white as snow. State show winners, Silver Cup winners. Birds score to 96, Pen to 101. Catalogue free. Expert poultry judge. Write me for terms and dates. **R. L. CASTLEBERRY, McCune, Kan.**

**RUBBER STAMPS**

AND

**SEAL PRESSES**

**S. B. NEWMAN & CO.**

**KNOXVILLE, TENN.**



### Central Arkansas Fair Association

The managers of the Central Arkansas Fair Association are preparing to hold a big poultry show in connection with their Fourth Annual Fair to be held at Carlisle, Ark., Oct. 18th-22nd. Liberal premiums are offered and from present indications they will have one of the largest and best poultry exhibits ever held in Arkansas. W. S. King, Lonoke, Ark., is superintendent and the awards will be placed by Judge B. F. Dinwiddie, Columbia, Mo. Catalogues will be ready by June 15 and the superintendent will gladly mail you one on request.

### The Hamilton O. Poultry Association

Will hold its 10th annual exhibit in Hamilton, December 6th to 12th, 1909. W. W. Zike, judge.—W. C. McKemy, Secretary.

## INGRAM'S

### BARRED AND BUFF PLYMOUTH ROCKS

Have been carefully bred in the world's Best Blood lines for several years. Our strain is unsurpassed for egg production and for vigor and productiveness. We do not claim to have the best on earth, but we have birds scoring from 90 to 94 in our best pens. They are prize winners. Have won at Greenville, Charleston and Bristol, Tenn. Have nothing to offer in Stock except a few fine Cockerels, as this season's business has been good, but can supply you with eggs after December 15th.

**\$3.00 Per 15; \$12.00 Per 100**

Write us for Mating List  
It is a Pleasure to Answer you

## H. B. INGRAM

### GREENVILLE, S. C.

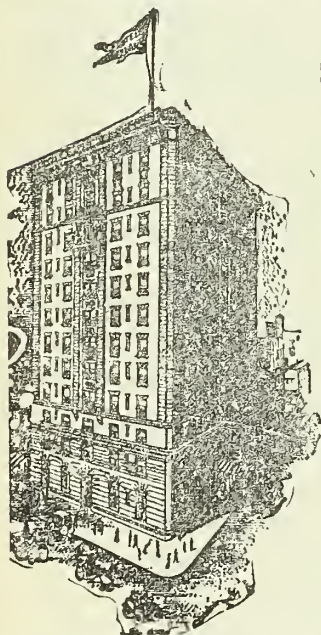
Mrs. S. D. Black, Farm Manager, Taylors, S. C.

## Hotel Cumberland

NEW YORK

S. W. Cor. Broadway at 54th Street

Near 50th St. Subway and 53rd St. Elevated, and accessible to all surface lines



Ideal Location.

Near Theatres,  
Shops, and  
Central Park.

New and Fireproof

Strictly First Class in  
Every Respect

All Outside Rooms

No Carpets.

All Hardwood  
Floors and  
Oriental Rugs.

European Plan.

Transient rates, \$2.50 with bath, and up.  
Restaurant Unexcelled. Prices Reasonable.

Send for Booklet.

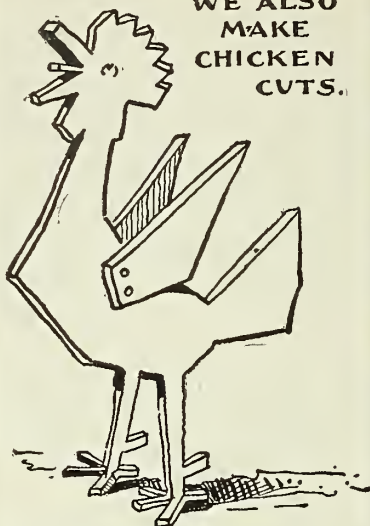
Harry P. Stimson

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Formerly with Hotel Imperial. Formerly with Hotel Woodward

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WE ALSO  
MAKE  
CHICKEN  
CUTS.



*Photos Retouched ac-  
cording to American  
Standard of Perfection  
Write for Prices.-----*

**KNOXVILLE ENGRAVING Co**

HENRY ST

KNOXVILLE T.

### The Hen at the State Fair

THE INDUSTRIOUS HEN will occupy a handsomely decorated booth at the Tennessee State Fair Poultry Show, Sept. 20-25, where it will be glad to see all of its readers.

Show, Nashville, Sept. 20-25. Jno.  
Tennessee State Fair Poultry  
A. Murkin, Supt.

### One Article Worth the Money

Utica, Miss., April 19, 1909.

*The Industrious Hen, Knoxville, Tenn.*

Dear Hen:—My husband subscribed for your paper a short while since and I am so much delighted with it that I feel compelled to write you. I think your paper a valuable one, indeed to poultry raisers (I am one) and I would not be without it, since I have gained valuable information from it during the past four months. Mrs. Laura A. Bryan's letter in the April number was worth the price of the paper to me. I am a great fancier of the Rhode Island Reds, have been breeding them for two years and won't have any other kind. According to my idea they are the best all-around farm chicken we can have. I have invested a little money in prize winning eggs to improve my strain and am trying to raise quite a lot of choice hens and cockerels for sale later and also sell eggs.—Mrs. H. S. Foote.

## Handsome Scarf Pin Free

**A PHENOMENAL OFFER MADE  
BY A NEW YORK FIRM**

Thousands of persons all over the United States are taking advantage of the generous offer made by The Merrill Co., 1161 Broadway, New York City, making request for a beautiful gold plated scarf pin for either lady or gentleman which is mailed to any one sending their name and address free of charge.

This offer is made by this well-known house to introduce their large catalogue of general merchandise, household goods, jewelry, novelties, etc., and the readers of this paper are requested to send their name and address immediately, enclosing five two-cent stamps to cover packing and postage.

Send to-day and be the possessor of a piece of jewelry that you will be very proud of, and which does not cost you anything.

## S. C. BUFF ORPINGTONS

AND MAMMOTH IMPERIAL PEKIN DUCKS

S. C. Buff Orpington Eggs \$3 per 15; Duck Eggs \$2 per 15

J. C. DENNIE, West Lawn Poultry Yds., Nashville, Tenn.

## WHITE WYANDOTTES

BRED TO LAY

W. A. LILLARD, 813 Lischey Ave.  
NASHVILLE, TENN.

## BARGAINS IN S. C. BROWN LEGHORNS

Good Laying Hens, \$1.00 each. A few Yearling Cocks at \$1.00 and \$2.00. Eggs less than one-half price, \$1.00 and \$2.00 per 15 balance of season. A few White Leghorn Yearling Cocks, \$1.00 and \$2.00 each.

**FORBES POULTRY YARDS, New Decatur, Alabama**

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LETTER HEADS, ENVELOPES, CIRCULARS, BOOKLETS, CATALOGS, PREMIUM LISTS, and all kinds of Printing. BLANK BOOKS, NOTARY SEALS and STENCILS. EVERYTHING FOR THE POULTRYMAN. Thousands of POULTRY CUTS for the

FREE USE OF OUR CUSTOMERS

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Printers to Her Majesty THE INDUSTRIOUS HEN

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Profusely illustrated, showing the newest and richest creations in Gold, Gem-Set and Tennessee Pearl Jewelry, Watches, Cut Glass, Sterling Silver and other fine gift wares. It's free on request. Hundreds of persons throughout the South satisfactorily deal with us, and we want YOU to be one of our patrons.

*Wedding Invitations richly engraved in our own plant.*

*Send us your Fine Watches to be repaired.*

**HOPE BROS. JEWELERS, 519 Gay Street  
KNOXVILLE, TENNESSEE**



### Colored Photographic Tour of the World in Post Cards

Fifty water-colored photographs of a "Trip Around the World" in post cards. An actual photographic reproduction from copyrighted negatives in water-colors on a post card, fifty gems of the camera of the wonderful historical spots of the whole world. An edition that cost thousands of dollars to produce, and that cannot be duplicated by any publishing house in the world. The latest and newest perfected system of reproducing mechanically in water-colors, and the beautiful effects of the hand colored photograph. Nothing like it has ever been seen or heard of. Each post card is a perfect gem of art.

These fifty post cards of a "Trip Around the World" have been selected from over two thousand photographs by J. L. Stoddard, J. Ellsworth Gross and M. J. Griffith's negatives. These who are world-wide travelers and authors.

This unique set of water-color photographs, fifty cards in all, has the full description of each subject on the card, packed in a nice, neat cardboard box.

One complete set of 50 of these magnificent water-colored post cards, retail value \$1.25, sent postpaid on receipt of \$1.00 for a three year's subscription to THE INDUSTRIOUS HEN. Simply send us the one dollar with your name and address, plainly written, and say that you want the "Trip Around the World."

THE INDUSTRIOUS HEN CO.,  
Knoxville, Tenn.

"The Hen gets RESULTS for me. I do not usually deal out taffy, but get my money's worth from The Hen."—C. T. Fallin, Greenville, S. C.

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**DON'T THINK OF BUYING A SEWING MACHINE** until you have investigated the popular and ten year guaranteed *Industrious Hen Sewing Machine*. This machine is manufactured for us by one of the best factories in the world, and we ship it to our customers at exactly what it costs us, plus our advertising and one year's subscription to THE HEN. Freight is paid to your railroad station. Send for illustrated circular and testimonials. Thousands are using this machine, and we have never had one word of complaint. It is guaranteed for ten years, is the equal of any \$45 machine on the market, and will be shipped, freight paid, including a year's subscription to THE INDUSTRIOUS HEN to any railroad station in the U. S. for \$16. Save 60c a week for 27 weeks and you have your machine paid for. Satisfaction or money returned.

**DOAK'S WHITE WYANDOTTES**  
The "Foremost Strain" of the Southland in QUALITY and WINNINGS  
E. L. DOAK & SON, - NASHVILLE, TENN.

**ORPINGTONS OF QUALITY**  
BUFF AND WHITE  
PRICE OF EGGS REDUCED  
Dr. J. A. Posey, Frankfort, Ky.

### BOLLINGER'S White and Columbian Wyandottes

For May and June I offer eggs \$1.50 per 15. A nice lot of yearling hens at \$1.50 to \$3.00 each. A few good males at \$2.00, \$3.00 and \$5.00 each, all bred from my best stock. Catalogue.  
R. S. BOLLINGER, Shandon, COLUMBIA, S. C.

### FOR WINNING

White Wyandottes, Brown and White Leghorns, write

**BRUCE BROS.**  
CRESCENT, LOUISIANA

### Solicitor Wanted

Salary or commission. First class job for the right man. A regular tour of fairs and poultry shows. August to March. Address THE INDUSTRIOUS HEN, stating experience, ability and giving reference.

### Notice

To members of the National Single Comb Rhode Island Red Club: The annual meeting and election of officers for 1910, of the above club will be held at the Poultry Department, State Fair Grounds, Springfield, Illinois, Monday, October 4, 1909, at 8:00 o'clock p. m. All who can do so, should attend the school of instruction and both meetings.—J. H. Valliere, Secretary, Cedar Rapids, Iowa.

### INCUBATOR OIL

You can increase your hatch twenty-five per cent by using in your incubators

### SOLINE OIL

No Smoke, no Odor, a perfect Oil, made from premium Pennsylvania Crude.

Orders filled from Knoxville and Chattanooga, Tenn., High Point and Greensboro, N. C., Baltimore and Cumberland, Md. Address

TENNESSEE OIL COMPANY,  
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## Barred P. Rocks

Winners of the Highest Honors in the Strongest Company. Choice Exhibition Males and Females for Early Shows at Honest Prices.

T. J. GOODLETT, TRAVELERS REST, S. C.

## BROWN LEGHORNS FOR SALE!



Yearling Cocks and Hens, Cockerels and Pullets.

This year's eggs at half price, \$2.00 and \$3.00 per setting of 15. First prize cock Knoxville, '08 show for sale. Call for free circular and get full particulars of matings.

M. S. Copeland, R. 1, Powell Sta., Tenn.

"I regret very much that I could not send you something for your 'Red' issue, on account of the prolonged illness and death of my father. I believe you will be glad to know that THE HEN has given me great returns this year—all that I could ask or expect."  
Mrs. Frank Langford, Nashville, Tenn.

**POULTRYMEN--** Send 10c for our 1909 Catalogue. Chuck full of useful information. Describes and Illustrates 35 Varieties. You Can't Afford to be Without it.  
**EAST DONEGAL POULTRY YARDS, Marietta, Pa.**

## ALABAMA STATE FAIR POULTRY SHOW BIRMINGHAM, ALA., OCT. 11th to 21st

LIBERAL CLASSIFICATION NEW MANAGEMENT

The largest and most valuable list of Specials ever offered before. Cash Specials in the American, Asiatic, Mediterranean, Orpington and Turkey Classes.

Entry fee, 25c for Singles. \$1.00 for Pens. Pigeons Free. Premiums on Singles, \$2.00 Firsts; \$1.00 Seconds; Third, Fourth and Fifth, Ribbons. Three Individual entries to fill.

Pigeons, \$1.00 Firsts; 75 cents Seconds; Third Ribbon. Entries close Oct. 11, 6 p. m. R. E. Jones, Judge. Premium list upon application to

**E. H. CALUSHA, Supt. of Poultry, ENSLEY, ALA.**

## BUFF ROCKS

## STOCK AND EGGS FOR SALE

SOME RARE BARGAINS IN GOOD BREEDING

MALES AND FEMALES

Eggs Now Half Price, \$1.50 and \$2.50 Per 15

CIRCULAR FREE

**R. B. SANDO, Box 60, POTSDAM, OHIO**



# Arkansas State Fair

*Beginning Thursday Morning and Ending Wednesday Night*

Fourth Annual Industrial Fair, Exposition and Race Meet

## OCTOBER 7 TO 13, 1909

SEVEN DAYS

## Oaklawn Park, Hot Springs

Half Million Dollar Fair Grounds

### Big Poultry Event of the Year

Many of the most important breeders of the country have signified their attention of showing at the Tennessee State Fair this year. The interest in this show is growing rapidly all over the United States. That it will be the big poultry event of the year there is no question of a doubt.

### The Emmanuel Movement

Dr. Elwood Worchester, rector of the Emmanuel Church, has written for the July *Century* an important statement concerning "The Emmanuel Movement," in large part a reply to the Rev. J. M. Buckley's article on "Dangers of the Emmanuel Movement," published in *The Century* for February, 1909. "The Emmanuel Movement," Dr. Worchester asserts in this article, "is the result of bringing to a focus and practically applying some of the most potent spiritual and intellectual tendencies of our time." He tells also about the somewhat changed methods now used at Emmanuel.

### A Big Poultry Show

The second annual exhibition of the Mercer County Poultry and Corn Association will be held at Aledo, Ill., Dec. 13th-18th, 1909. "A big quality show" is their motto and judging by their last show they certainly will hold one. Harry Morgan is secretary and B. F. Dinwiddie, judge.

### The E. Tenn. Poultry Association

Will hold its Fifth Annual Exhibition at Knoxville, Tenn., January 5, 6, 7, 8, 1910. D. M. Owen, of Tennessee, and H. W. Blanks, of Louisiana, judges. The Association will offer a line of handsome Silver Cups as Special Prizes on all leading varieties, in addition to its usual long list of cash and other special. THE INDUSTRIOUS HEN Silver Loving Cup, offered for the "Highest Scoring Pen of Birds in Show, all Classes Competing" will prove a popular feature. We invite exhibitors from all sections of the country to show with us.—JOHN E. JENNINGS, Secretary-Treasurer, 202 W. Fifth Ave., Knoxville, Tenn.

### DELINQUENT ACCOUNTS COLLECTED EVERYWHERE

All claims entrusted to us guaranteed to receive prompt and persistent attention.

References: East Tennessee National Bank and Mechanics Bank & Trust Co., Knoxville, Tenn.

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### ORPINGTONS CHEAP

This Season's Breeding Stock Cheap to  
Make Room for Young Birds

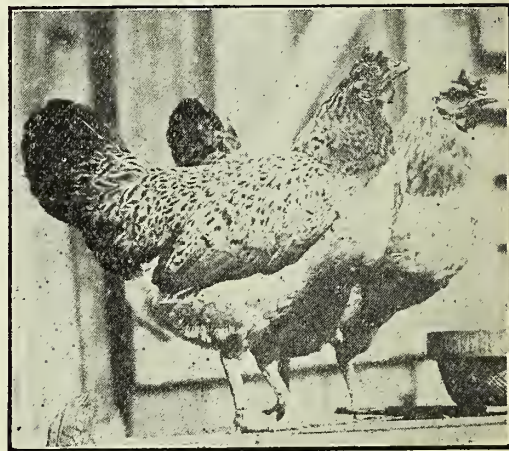
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just as they are. Give us a trial  
order and let us convince you  
that our Cuts are GOOD. . . .

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M. B. Turkeys, Pearl Guineas.

EGGS, BREEDERS | P. M. BROWN, ST. MATTHEWS, KY. | WINNERS, LAYERS



## Kentucky Fair Dates

The following are the dates fixed for holding the Kentucky Fairs for 1909 as far as reported. Officers of fairs are requested to report to us any omissions or correction of dates:

Stanford, July 21-3 days.  
Henderson, July 27-5 days.  
Georgetown, July 27-31, 1909—T. C. Bell, Secy.  
Madisonville, August 3-5 days.  
Winchester, August 3-4 days.  
Blue Grass Fair, Lexington, August 9-6 days.  
Taylorville, August 10-4 days.  
Uniontown, August 10-5 days.  
Harrodsburg, August 11-3 days.  
Leitchfield, August 17-4 days.  
Barboursville, August 18-3 days.  
Brodhead, August 18-3 days.  
Shepherdsville, August 18-3 days.  
Ewing, August 19-3 days.  
Shelbyville, August 24-5 days.  
London, August 24-4 days.  
Florence, August 25-4 days.  
Frankfort, August 31-4 days.  
Hardinsburg, August 31-3 days.  
Tompkinsville, September 1-5 days.  
Fern Creek, September 1-5 days.  
Bardstown, September 1-4 days.  
Hodgenville, September 7-3 days.  
Monticello, September 7-4 days.  
Glasgow, September 8-4 days.  
Kentucky State Fair, Louisville, Sept. 13-6 days.  
Scottsville, September 16-3 days.  
Bedford, October 1-2 days.  
Hatford, September 8-4 days.  
Germantown, Aug. 25-4 days.  
Vanceburg, Aug. 10-4 days.  
Erlanger, Aug. 18-4 days.  
Sanders, Sept. 8-4 days.  
Alexander, Aug. 31-5 days.  
Morgantown, Sept. 22-4 days.  
Paris, Sept. 7-5 days.

## Poultry at Newark Mo.

A good poultry show will be held in connection with the Newark, Mo. Fair, Sept. 7th-10. J. C. Callaghan is secretary and B. F. Dinwiddie, judge.

## One Good Turn Deserves Another

All we ask of friends who write to our advertisers is to say: "I saw your ad in THE HEN." We say lots of good things about you. We never say anything else. Life is too short. Do all the good you can, and then you'll do harm enough.

## Two Interesting Articles

Baltimore, Md., April 29, 1909.  
The *Industrious Hen Co.*:  
GENTLEMEN—In the April No. of your publication I find two very interesting articles on "Turkeys, Their Care and Feed," and the "Mammoth Bronze Turkey," the latter article by Judge Clipp. The first named article was by Mrs. Shofner, and there is so much good, sound, practical knowledge on the subject that I want several of my friends to have a copy of the April number. I enclose list of names. Yours Truly, JAMES M. HOBBS.

[THE INDUSTRIOUS HEN, as well as the writers, appreciate such acknowledgment.—Ed.]

## LATE MAGAZINES

## Decoy Eggs

John, aged six, was sent by his mother to the chicken-coop for some eggs. He soon returned with the report:

"There ain't no eggs in the nests at all, 'cept the ones they copies from."—*The Delineator* for July.

## Relief

"It's terribly hot where I'm sitting."  
"Then go and sit between Jack and Ada; there's a coolness between them."  
—*July Lippincott's*

**STRICKLER'S STRAIN** S. C. White Leghorns and Barred Plymouth Rocks. Best egg producers in America; my pullets all have been laying since December and still at it. Think of this, months when eggs bring you fancy prices. The breed that lays is the breed that pays. Can furnish few more nice settings.  
**PINEWOODS POULTRY FARM,** Dinsmore, Fla

## Liberal Pay for Your Services

THE INDUSTRIOUS HEN desires to secure the services of a good, live, hustling representative in each locality to look after renewals, secure new subscribers, and to represent us at shows during the Fall and Winter.

This work will prove to be profitable and may be carried on in spare time without interfering with your regular employment. We furnish free everything necessary to start you in the business. You have nothing to buy and the work will be all clear profit to you.

*The  
Industrious Hen Co.  
Knoxville, Tenn.*

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## Hotel Imperial

Knoxville's Most Modern  
and Up-to-Date  
Hotel

LONG DISTANCE PHONES  
IN EVERY ROOM

Rates: \$2.50 and up.  
Rooms with Bath, \$3.50 and \$4.00  
Per Day.

AMERICAN PLAN

**ROBINSON**  
Breeds White and Barred  
Rocks of the best Strains.

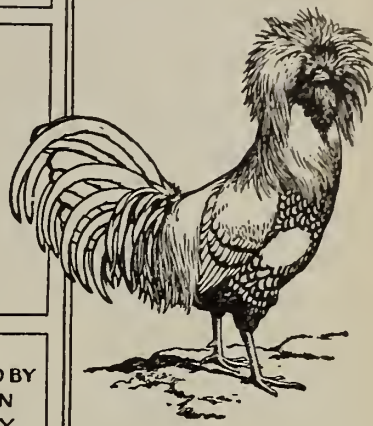
STOCK FOR SALE.  
EGGS \$1.50 PER 15.

Address,

R. D. ROBINSON, White Hall, S. C.

## STANDARD OF PERFECTION

REVISED AND  
ILLUSTRATED



PUBLISHED BY  
AMERICAN  
POULTRY  
ASSOCIATION

The above is a reproduction of the cover of the Standard of Perfection which contains nearly 400 pages, and has nearly 100 full page illustrations of male and female of the leading varieties.

This book is the only authorized description of the different varieties of fowls and is issued by the American Poultry Association, who fix the price at \$1.50. It is the law which governs the judges in making their awards. You can neither buy, sell, show or breed thoroughbred fowls without it. We can furnish a copy of this book at above price postpaid.

THE INDUSTRIOUS HEN one year and the Standard, \$1.75.

**THE INDUSTRIOUS HEN COMPANY**  
KNOXVILLE, TENN.

### Book on Fertilizers, Free

Every progressive farmer is making a study of this important subject. We have an 80-page book with fine colored cover which treats every phase of the fertilization question. Send 10c for 3 sample issues of The Fruit Belt and get this book free. Send today. Fruit Belt Publishing Co., 174 Herald Square. Grand Rapids, Mich.

### SPECIAL TO BREEDERS!

Under this department, name and address, in one line, will be inserted under choice of breeds at 25c for each insertion; \$1.25 for six months, or \$2 for twelve months. Cash to accompany order.

#### Barred Plymouth Rocks

Mrs. Ora M. Huie, R. 5, Newbern, Tenn.

#### R. C. Brown Leghorns

Mrs. Laura A. Bryan, R. 9, Lebanon, Tenn.

#### R. C. Rhode Island Reds

E. W. Allen, West Nashville, Tenn.

Mrs. C. J. Wallace, R 2, Calvert City, Ky

#### Scotch Collie Dogs

Knox Collie Kennels, Knoxville, Tenn

#### Mammoth Bronze Turkeys

W. R. Brakebill, R. 3, Knoxville, Tenn.

#### White Holland Turkeys

A. S. Bell, R. 13, Knoxville, Tenn.



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20 words or less, one month, 50 cents. For additional words over 20, add 2 cents per word. 20 words or less, three months, \$1.00. For additional words over 20, add 3 cents per word. For ads to run more than three months, the rate is 1½ cents per word per month. No ad accepted at this rate for less than 30 cents per month. A small cut illustrating a card of 20 words or more will be used for 50 cents extra.

Numbers and initials count as words. Please count the words correctly and avoid delay. We keep no books with this department and CASH MUST INVARIABLY ACCOMPANY THE ORDER. Forms close on 25th of month preceding date of issue.

THE INDUSTRIOUS HEN will be sent free as long as your ad runs, and if you will add 25 cents to the price of ad we will send you the paper for one year from date your ad expires.

## ANDALUSIANS.

BLUE ANDALUSIAN and White Face Black Spanish. Tennessee State Fair winners 1908. Eggs 15 for \$1.65; 30 eggs for \$3.00. A. N. Brown, Woodbury, Tenn. 67

BLUE ANDALUSIANS, White Faced Black Spanish, Silver Spangled Hamburgs, S. C. White Leghorns and Rouen Ducks. Ribbon winners. Score to 95 1-2. Stock and eggs. H. R. Birchett, Lebanon, Tenn. 66

## BANTAMS

BUFF COCHIN BANTAMS—Exclusively—The Lemon Buff Strain desired by all exhibitors—surface and under Buff. 61 ribbons in four shows—more than all competitors. Great layers, fine shape, very small. A square deal or your money back; honor more than gold. Eggs \$1.50 per 15. Stock for sale. Pryor's Bantam Yards, E. E. Pryor, Prop., Martinsville, Ind. tf

## BRAHMAS

LIGHT BRAHMAS AND BARRED Plymouth Rocks. Eggs \$1.50 per 15. Mrs. W. M. Orgau, Lebanon, Tenn. 62

## DOGS AND CATS

SCOTCH Collie Pups for sale, of the best blood in America and from Imported champion and prize winning stock. Tricolor and sable and white from \$10 to \$25 each. Knox Collie Kennels, Knoxville, Tenn. tf

## DUCKS AND GEESE

MAMMOTH PEKIN DUCKS, Rose Comb Brown Leghorns; big winners State Show, etc. Eggs \$4.50 per 100. Unexcelled show stock; \$2.50 setting. Oscar Wells, Farina, Ill. 62

INDIAN RUNNER DUCKS—Cook strain direct; line bred; fancy fawn and white; great show and heavy egg records; eggs for sale; prices reasonable; free circular. J. R. Durrett, Springfield, Ky. 63

## HAMBURGS

SILVER SPANGLED, GOLDEN PENCIL, ed; Blue Ribbon winners. Chicago, Blue Island, Elgin. Eggs \$1.50 to \$2.50 per 15. Van Reenen, 6438 May St., Englewood, Ill. 63

## HOUDANS.

INDUSTRIOUS HOUDANS—The great egg machines. Write for my circular. It tells all about the grand birds. A postal gets it. Almon A. Chiverton, Livermore, Ky. 62

HOUDANS EXCLUSIVELY—High Grade Eggs, one half former years prices, from egg bred stock. Day old chicks with perfect fifth toes, crest and beard. Our customers' winnings, the largest shows. Our show record, the kind we like. Send for testimonials, etc., A. E. Jones, Elkland, Pa. tf

## INDIANS.

MY PURE WHITE CORNISH are a good all purpose, money breed. Stock and eggs. Money back, if not pleased. M. E. Kennedy, R. 3, Temple, Ga. 64

## LEGHORNS.

SINGLE COMB BROWN LEGHORN EGGS at reduced prices balance of season. One pen this year's breeders at bargain. Write me. D. S. Thornburg, Cherryville, N. C. 62

PURE BRED SINGLE COMB BROWN Leghorns, choice young cockerels. \$1.00 to \$1.25 each. None but strong vigorous birds sent out. Savell Bros., R. 2, Plattsburg, Miss. 64

SINGLE COMB BUFF LEGHORNS—Solid buff, prize winners. Eggs \$1.50 per 15; fertility guaranteed. Tazewell Poultry Yards, Pekin, Ill. Members. Am. Buff Leghorn club. 63

SINGLE COMB WHITE LEGHORNS—Eureka Poultry Farm, Cobleskill, N. Y., home of famous "Van Dreser Strain," offers for sale, 1,000 yearling hens at prices that will surprise you. Write wants. 63

## LANGSHANS

BLACK LANGSHANS—Will sell Black Langshan eggs from stock bred from prize winners \$1.50 per setting. Elmer Taylor, Bardwell, Ky. 63

WHITE AND BLACK LANGSHANS. Winners at the great Louisville shows. Have none but winners in my breeding pens. Great winter layers. Eggs, \$3 per 15. E. A. Flora, Mauckport, Ind. 65

## ORPINGTONS

BUFF ORPINGTONS, Hot Springs, Memphis, Little Rock Winners. Cockerels \$1.50. Good hens, \$1.50. Mrs. W. A. Gibbons, Conway, Ark. 63

SINGLE COMB BUFF ORPINGTON eggs \$2.00 per 13; fine layers, beautiful birds, none better. Mrs. Georgia West, R. 6, Morristown, Tenn. 63

S. C. BUFF ORPINGTONS—Pure Cook strain—beauties—lay at all times—eggs 15, \$2.50; 30, \$4.00. Guaranteed fertile. W. A. Garland, Hendersonville, N. C. 62

S. C. ORPINGTONS AND LEGHORNS, White, Black and Buff. Winners head my yards. \$1.00 to \$3.00 per 15; \$5.00 to \$10.00 per 100. Satisfaction guaranteed. J. J. W. Mays, Lynchburg, Va. 68

SPECIAL SALE \$1.00 EACH. Large frying size, S. C. White Orpingtons, (Cook Strain), also Barred Rocks, (Thompson & Hawkin Strains.) Have not room to keep so many. Write for bargains. A. J. Cheek, Henderson, N. C. 62

## PIGEONS

BARGAINS IN PIGEONS—Desiring to change location, I offer white and colored Homers and Red Carneaux all mated, working and in a fine condition at a bargain. E. E. Pryor, Martinsville, Ind. tf

I OFFER guaranteed mated Homers in any quantity at \$1.00 per pair, and challenge Squab companies or dealers to produce better stock at twice this price. Beautiful white Homers \$1.50 pair. Get my prices on Runts, Carneaux and Maltese Hens, and save dollars. "Charles Q." Gilbert, 1563 East Montgomery Ave, Philadelphia, Pa. 67

## REDS.

WILLIAMSON STRAIN Rose Comb Rhode Island Reds. Prize winners in America's leading shows. Quick growers, vigorous and heavy layers. Eggs for hatching from select exhibition matings, \$1.50 per fifteen. Williamson Farms, Mattoax, Va. 71

BUSINESS HEN FARM—Single Comb Rhode Island Reds. Eggs \$1.15 to \$2.00 per 15. Robt. S. Taylor, Prop., Box 211, Mt. Olive, N. C. 65

SINGLE COMB R. I. REDS—High scoring birds; stock and eggs for sale; eggs \$2.00 per 15; \$3.50 per 30. Fleming's Drug Store, McMinnville, Tenn. 63

SAY! DON'T SEND STAMPS for my mating list. Just say, I want to know more about the best Rose Comb Reds in Ohio. F. H. Chase, Box H, Cardington, O. 62

SINGLE COMB RHODE ISLAND REDS—Eggs \$1.00 per 15. Geo. L. Hunter, Johnson Cty, Tenn. 62

HIGH GRADE Rhode Island Reds, S. C. Buff Orpingtons, White Wyandottes, Eggs from \$1 to \$5 per 15. Mating list free. The Ideal Poultry Plant, Tullahoma, Tenn. 62



EGGS FROM BRED TO LAY AS well as pay. S. C. Rhode Island Reds, 15, \$1.50; Barred Rocks, 15, \$1.25. Orders solicited. L. K. Russell, Palmyra, Tenn. 66



ROSE AND SINGLE COMB RHODE Island Reds—Famous DeGraff strain. Young stock for sale. Eggs \$1.00 to \$2.00 per setting. L. G. Gott, Washington College, Tenn. 62

SINGLE COMB RHODE ISLAND REDS—Carefully selected; correct type; right color; reasonable prices. Utility and prize winners. Stock and eggs for sale. Everything guaranteed. Brooks Poultry Farm, Fort Deposit, Ala. 63

## ROCKS.

FOR SALE: White and Columbian Plymouth Rock cks. \$3.00 to \$5.00. Eggs, \$3.00 per 13. Ed. Harris, Decatur, Ill., Macin, Co., R. No. 5. 67

BUFF ROCKS as good as the best. Winners at Streator, Fairbury, McNabb, Dwight and Kankakee. Eggs at reasonable price. Circular free. Orange W. Wills, Manville, Ill. 64



W. A. DODGION'S Prize Winners, high class Barred Plymouth Rocks, White Wyandottes, Buff Orpingtons and S. C. W. Leghorns. Stock and eggs for sale. Satisfaction guaranteed. Write your wants to W. C. Dodgion, James River, Va. 65

## WYANDOTTES

BUFF WYANDOTTES—Stock or eggs. J. M. Workman, Burlington, N. C. 69

ELMER GIMLIN, Taylorville, Ill., White Wyandotte specialist. Exclusive business. Duston strain. Stock \$2 each. 15 eggs \$1; \$3 per 50, \$5 per 100. Catalogue free. 62

WYANDOTTES—Silver, Golden, White and Black. Winners of 300 premiums at New York and Chicago. Eggs \$3 per setting. Circular. Ira Keller, Prospect, Ohio. 64

PARTRIDGE, SILVER PENCIL AND Columbian Wyandottes. The best in America. Bred by the Old Reliable Wyandotte breeders. Send for circular. Carver & Avey, Columbia City, Ind. 63

FOR SALE: White and Columbian Wyandotte eggs. Also a fine lot of Columbian Wyandotte cks, \$3.00 to \$5.00. John Harrison, Decatur, Ill., R. R. No. 2. 61

## Sunshine Brand Poultry Feed

The old established firm, J. H. Wilkes & Co., of Nashville, Tenn., grain dealers, known all over the South for the past 30 years as the "Good Goods" people, have added the most complete plant in the South, for the manufacture of poultry and stock foods to their big elevator and warehouse. They will cater to the entire Southern trade. Write them today for samples and prices of their Sunshine, Chick Scratch, Developing and Layering foods. Address J. H. Wilkes & Co. Dept. H, Nashville, Tenn.

## Newspaper Catalogue

We are in receipt of the 1909 issue of The Dauchy Co.'s Newspaper Catalogue. The book is a large volume of 784 pages, well bound cloth, printed from large and clear type, on heavy paper. The statistics are very conveniently arranged, and the peculiar feature of a ruled space for memoranda against each paper makes this catalogue probably the most useful one published. Advertisers and others who have occasion to use a newspaper directory regularly, know how necessary it is to make memoranda as to contracts, changes, etc., against the names of the papers, and this is the only work in which a space is provided for this purpose. This Newspaper Catalogue is a credit to its publishers, The Dauchy Co., 9 Murray St., New York, from whom it can be obtained, or from booksellers.



# THIS HIGH GRADE, BALL BEARING MACHINE

is offered to our Subscribers and friends at a price that is barely above the actual cost of manufacture. **YOU WOULD BE OBLIGED TO PAY \$50.00** for a Sewing Machine equal to the **INDUSTRIOUS HEN** which is made for us under special contract and which **WE SELL TO YOU FOR ONLY \$16, FREIGHT PREPAID.**

**\$16**

and the HEN  
pays the  
freight

**GUARANTEED FOR TEN SOLID YEARS**

**A BETTER  
MACHINE CAN  
NOT BE BUILT  
AT ANY PRICE.**

## FEATURES OF MUCH MERIT

Noiseless, Easy Running, Ball Bearing. Stand Handsomely Embossed, Hand Polished Case, The Wonderful Automatic Belt Replacer, High Arm, Lock-Stitch Sewing Head, Automatic Bobbin Winder, Automatic Stitch Regulator, All Steel Working Parts Hardened in Oil, Nickle Plated Steel Attachments in Velvet Lined Box.

build an "agency" machine than it costs to pull up the high grade ten year warranted "Industrious Hen", and that the bulk of the agent's excessive price pays for his commission and for the other heavy selling expense, including cost of keeping branch offices, maintenance of horses, wagons, etc., and the pay of collectors, drivers and teachers.

All this expense is eliminated by us in our offer to you of the **INDUSTRIOUS HEN** sewing machine at manufacturer's cost, plus a small commission for our trouble.

**The Sewing Head** with a full-size arm, has more improvements, conveniences and time and labor saving devices than any other sewing machine of like grade in this country. It makes the double lock stitch—a stitch that is always smooth, even and perfect, and it runs easily and quietly. A few of the features are: Spring Tension with convenient release, Improved Take up, Positive, Double Width, Steel Forged Four Motion Feed, Automatic Bobbin Winder, Self-Threading Shuttle, Self-Setting Needle, Gear Releasing Device, Improved Stitch regulator on face of arm and Nickled Steel Removable Face Plate. The Working Parts are made of fine quality hardened tool Steel, which, with proper care will last a lifetime.

**The Case** of this model is very attractive in appearance and substantial in construction as the illustration clearly shows. The four deeply embossed side drawers and the center drawer with their turned wood, brass faced handles are extra large and solid. There is an eighteen-inch tape measure inlaid in table for the convenience of the operator and a simple but effective device for raising sewing head to position.

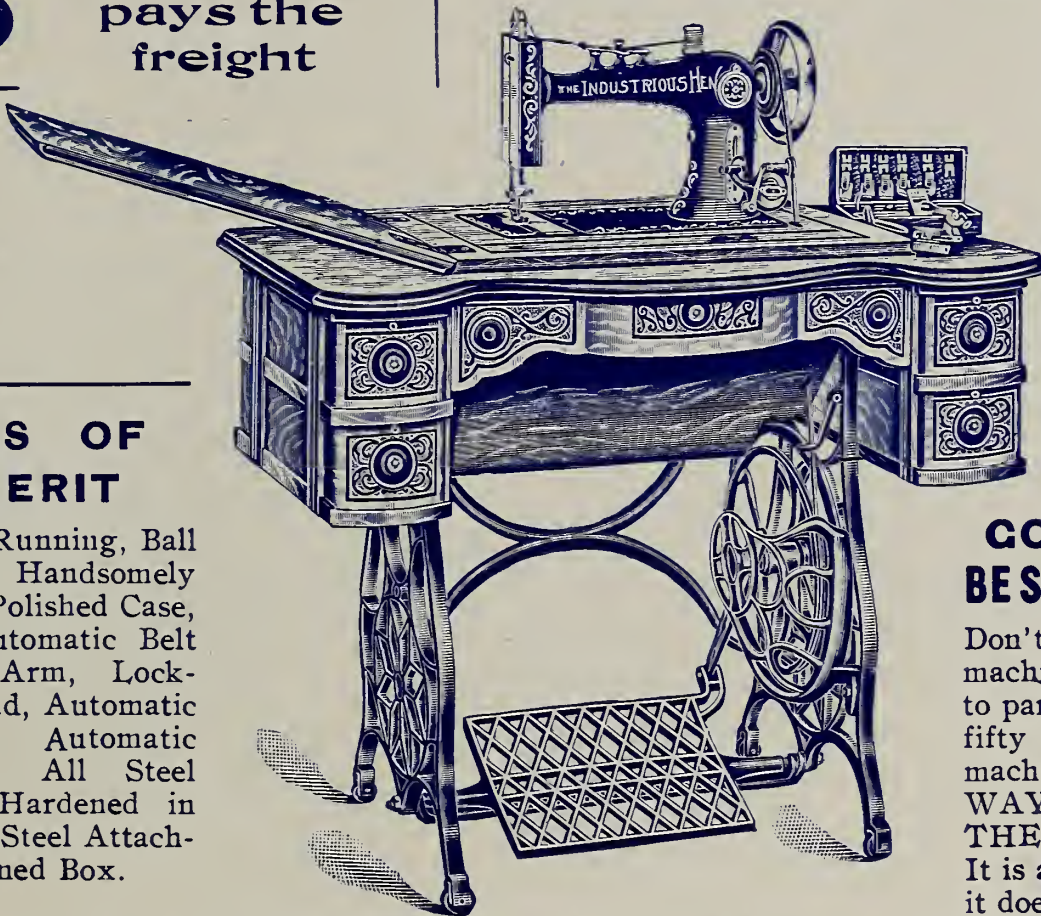
**The Stand** is ball bearing—the bearings operating in micrometer ground hardened steel cones. As a natural result the stand runs much smoother and easier than those where the balls travel on the rough surface of the castings themselves. The Automatic Belt Replacer is a most convenient device, for with its aid, the machine is automatically and instantaneously belted when sewinghead is raised.

**The Attachments** are exceptionally good for a machine of this grade. They are of the foot pattern and are packed in a velvet lined box. The full set consists of: Ruffler, Tucker, Binder, Feller, Four Assorted Hemmers, Cloth Guide, Twelve Needles, Six Bobbins, Filled Oil Can, Two Screw Drivers and Book of Directions.

This high grade family sewing machine, together with a year's paid up subscription to the "Industrious Hen" will be sent freight paid for **\$16.00** cash to accompany order. Send check, postoffice order or registered letter to

**SEND FOR TESTIMONIALS.**

**The Industrious Hen Company, Knoxville, Tenn.**



Or, we will give This Handsome Machine, **ABSOLUTELY FREE**, freight prepaid, for only 60 annual subscribers to the **INDUSTRIOUS HEN**, at 50c. Each.

## GOOD ADVICE. BE SURE AND READ IT.

Don't let the wily sewing machine agent induce you to part with forty-five or fifty dollars for a sewing machine which IS IN NO WAY SUPERIOR TO THE "Industrious Hen". It is a well known fact that it doesn't cost any more to



## RUMPH'S BUFF ROCKS — BIRDS OF QUALITY

My Birds are bred for the best results. Take note of this: Breeding Stock for sale now at bargain prices. Eggs for remainder of season at \$2.00 for 15, or \$3.50 for 30. Would be pleased to hear from you.

**LEWIS B. RUMPH,**

State Vice-President.  
American Buff Plymouth Club.

**Marshallville, Ga.**

## FOWLER'S CHAMPION BUFF PLYMOUTH ROCKS

ARE THE ACKNOWLEDGED CHAMPIONS

Exhibited by me personally, they have won seven times as many first and second prizes as all competitors combined. In the hands of customers they have won first and special prizes at the leading shows of the country, and this year won the Championship Cup of America for best cock, hen, cockerel and pullet, defeating Jamestown, Indianapolis, Philadelphia and Madison Square Garden, N. Y., first prize winners. Eggs, \$5.00 per fifteen; \$9.00 for thirty. If you want birds of this kind, order direct from headquarters.

**C. W. FOWLER**

Box 2003

**SMYRNA, GEORGIA**

## BLUE RIBBON S. C. BUFF LECHORNS

THEY WIN—THEY LAY—THEY PAY

Winners at Richmond,  
Va., Bristol, Tenn.  
Baltimore, Md.

**ALL OF THIS SEASON'S BREEDERS AT  
BARGAIN PRICES**

CORRESPONDENCE SOLICITED

These fowls have never  
failed to take prizes  
wherever shown.

**ROBT. P. ADAMS,**

**R. F. D. No. 1**

**LYNCHBURG, VA.**

## MILES' S. C. RHODE ISLAND REDS and BARRED PLYMOUTH ROCKS

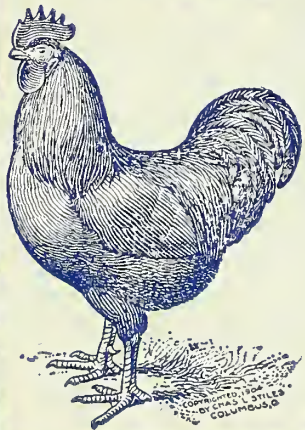
THE BEST YOUR MONEY CAN BUY—THEY HAVE WON AT STATE AND NATIONAL SHOWS FOR 10 YEARS

Our record made at, Cleveland, O., Cincinnati, O., Indianapolis, Ind., Columbus, O., and Nashville, Tenn., has never been equaled. Add to this our winning at *Pittsburg, Pa.*, Feb. 1909, (one of the greatest shows in U. S.) we won on *Reds*, 4th ck, 1st hen, 1st cockerel, 1st pullet, 1st pen, both color and shape specials. Gold special for best pen, cup for best display and A. P. A. special for best ckl.

On *B. P. Rocks*, 1st and 3rd cock, 3rd, 4th and 5th hen, 4th pen. Some good breeding birds still for sale at from \$3.50 to \$10.00. Send for free mating catalogue. EGGS \$5.00 PER 15. Please mention this paper. Address

**MILES POULTRY FARM, OSCAR E. MILES, Owner, Columbus, Ohio**

## HIGH GRADE S. C. R. I. REDS



My Reds are of the largest and most vigorous type. My hardest cuts in the show room have been on account of overweight. As layers of brown eggs, I would not fear a contest with any strain. At the third annual show, held in Knoxville, my Reds won 2nd and 3rd cockerels; 3rd pullet (tie,) and 2nd pen, and three out of four of the badges offered by the R. I. Red Club, of America—best shaped male, best shaped female, and best colored female—one hundred and seventy-five Reds in show. At the Virginia-Tennessee show, held at Bristol, December, 1907, my Reds won 1st and 4th cockerels; 2nd and 4th pullets; 1st pen, and three of the Club badges—best colored male, best colored female, and best shaped female—one hundred Reds in show. At the 4th annual show, held at Knoxville, Tenn., my Reds won 2nd cockerel, 2nd pullet, 2nd pen, 3rd hen, and 4th pullet. At the 4th annual Virginia-Tennessee show, held at Bristol, my Reds won 2nd hen, 2nd pen, 4th cock and 4th cockerel. I have mated 5 pens for the season 1909. Pen No. 1, consists of 10 extra fine exhibition pullets, mated to the cock that as cockerel, won 1st at Bristol.

Pen No. 2, consists of 10 fine exhibition pullets, mated to the cock that won 3rd at Knoxville as cockerel.

Pen No. 3, consists of 8 of my best exhibition hens, mated to 2nd cockerel, at Knoxville.

Pen No. 4, consists of 8 good hens, mated to my 4th cockerel at Bristol.

Pen No. 5, consists of 25 utility pullets and 2 high class cockerels, having free range.

Eggs taken from pens No. 1, 2, 3 and 4 are \$2.00 per 15; taken from any particular pen, \$3.00 per 15.

Eggs from pen No. 5, are \$1.25 per 15. Eggs by the hundred—a matter of correspondence. Stock for sale.

\$1.00 and up. Give me a trial—I can please you.

**SAM M. COOPER, FOUNTAIN CITY, TENN.**



## Barred Plymouth Rocks for Sale

I AM offering my 1909 breeding stock for sale, consisting of seventy-five hens and seven cocks at such low prices, any one wanting fine birds can't afford to miss this opportunity. They must go as am compelled to have room and if you will write me, am sure you will buy when you get description and price. Remember Hale's Rocks have never been defeated in our best Southern shows. Now is your time to get foundation stock at less than half their value. Write today before too late as they are sure to go.

**C. P. HALE, Barred Rock Specialist**

**R. 1, SWEETWATER, TENN.**

**Handsome Scotch Collies for Sale**